PACIFIC UNIVERSITY

1893,

FOREST GROVE, OREGON.

CHARTERED 1848.

Learning and Labor.
LIBRARY
OF THE
University of Illinois.
CLASS. BOOK. VOLUME.
C P11uH 1892-94
Accession No.

Digitized by the Internet Archive
in 2013

http://archive.org/details/catalog18paci_0

CATALOGUE

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1893,

WITH ANNOUNCEMENTS FOR 1894.

FOREST GROVE, OREGON.

PORTLAND, OREGON:
A. Anderson & Co., Lithographers and Printers,
1893

1893

SEPT.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	**20**	21	22	23
	24	25	26	27	28	29	30

OCT.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	...	...	...	...

NOV.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	**23**	**24**	25
	27	27	28	29	30	...	...

DEC.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	**21**	22	23
	24	25	26	27	28	29	30
	31	...	...	...	...	...	...

1894

JAN.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	1	**2**	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	**25**	26	27
	28	29	30	31	...	...	...

FEB.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	...	...	...

MARCH.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	...	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	**30**	31

APRIL.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	1	2	3	**4**	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	...	...	...	...	...

MAY.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	...	...

JUNE.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	...	...	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	**20**	21	22	23
	24	25	26	27	28	20	30

JULY.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	...	...	...	...

SEPT.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	...	...	...	...	...	...	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	**19**	20	21	22
	23	24	25	26	27	28	29
	30	...	...	...	...	...	...

CALENDAR.

1893.		
Sept. 20,	Wednesday.	The Fall Term begins at 8:45 A. M.
Sept. 22,	Friday	College Reception.
Nov. 23,	Thursday ...	Thanksgiving Recess.
Nov. 24,	Friday	
Dec. 21,	Thursday ...	The Fall Term ends.
Dec. 22,	Friday	Christmas Recess.
1894.		
Jan. 1,	Monday	
Jan. 2,	Tuesday	The Winter Term begins at 8:45 A. M.
Jan. 5,	Friday	College Reception.
Jan. 25,	Thursday ...	Day of Prayer for Colleges.
March 30,	Friday	The Winter Term ends.
March 31,	Saturday.....	Easter Recess.
April 3,	Tuesday.....	
April 4,	Wednesday.	The Spring Term begins at 8:45 A. M.
April 6,	Friday	College Reception.
June 16,	Saturday	Anniversary of the Conservatory of Music.
June 17,	Sunday	Baccalaureate Sermon.
		Address before the College Christian Associations.
June 19,	Tuesday.....	Anniversary Exercises of Tualatin Academy.
		Annual Meeting of the Alumni.
June 20,	Wednesday.	Commencement Exercises.
		Corporation Dinner.
		President's Reception.
		Commencement Concert.
Sept. 19,	Wednesday.	The Fall Term begins at 8:45 A. M.

65317

TRUSTEES.

PRES. THOMAS McCLELLAND, D. D.,
Ex-officio, Forest Grove.

HON. A. HINMAN, PRESIDENT ..... *Forest Grove.*
HON. G. SHINDLER ..... *Portland.*
REV. MYRON EELLS, D. D.. ..... *Union City, Wash.*
HON. HENRY FAILING .. .. *Portland.*
MR. E. M. ATKINSON, B. A. ..... *Portland.*
*REV. O. DICKINSON..... *Salem.*
HON. H. W. CORBETT..... *Portland.*
HON. R. P. BOISE, LL. D. ..... *Salem.*
REV. T. E. CLAPP ..... *Portland.*
MR. MILTON W. SMITH, M. A..... *Portland.*

FINANCE COMMITTEE.

PRES. THOMAS McCLELLAND,
PROF. JOSEPH W. MARSH,
HON. A. HINMAN,
MR. MILTON W. SMITH.

HON. HENRY FAILING ..... TREASURER.
REV. MYRON EELLS. ..... SECRETARY.
MR. E. M. ATKINSON. ..... ASSISTANT SECRETARY.
PROF. JOSEPH W. MARSH..... LOCAL TREASURER.

*Obit.

FACULTY AND INSTRUCTORS.

REV. THOMAS McCLELLAND, D. D., PRESIDENT,
Professor of Mental and Moral Philosophy.

JOSEPH WALKER MARSH, PH. D.,
Professor of Greek and Latin and Librarian.

WILLIAM NELSON FERRIN, M. A.,
Professor of Mathematics.

*THEODORE WHITTELSEY, B. A.,
Professor of Chemistry and Physics.

FRANCIS ERNEST LLOYD, B. A.,
Professor of Biology and Geology.

JAMES ROOD ROBERTSON, M. A.,
Acting Professor of History.

HELEN AUGUSTA BROOKS, B. L.,
Principal of the Woman's Department and Instructor in Rhetoric and English Literature.

†_____ _____
Principal of Academy.

BURT EARDLEY POWELL, B. S.,
Instructor in the Academy.

MINNIE CATHERINE LANSING,
Instructor in the Academy.

‡BERTHA WESTON HADLEY,
Director of the Conservatory and Instructor in Piano-forte and Organ.

HARRIET DAY McCLELLAND,
Instructor in Vocal Music.

J. M. GARRISON, M. A.,
Instructor in Penmanship.

*On leave of absence in Germany.
†To be filled before September, 1893.
‡1892-3.

OFFICERS OF THE ASSOCIATE ALUMNI,

1892-3.

PRESIDENT,

HON. THOMAS H. TONGUE, '68.....*Hillsboro, Or.*

VICE-PRESIDENT,

MISS NELLIE WOODS, '87.....*Forest Grove, Or.*

SECRETARY AND TREASURER,

MISS MARGARET HINMAN, '91.....*Forest Grove, Or.*

GENERAL INFORMATION.

AIM.

Tualatin Academy was founded in 1848, and Pacific University in 1853, in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not dependent for its support upon the tuition paid by its students and consequently the mere number of students in attendance is not regarded as all important, the Faculty is enabled to maintain thorough standards of scholarship in all grades of study and to offer unusual advantages for advanced work.

LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of upwards of 1,200 inhabitants. It is situated on the Southern Pacific railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location and well-deserved reputation for general good order make Forest Grove a home for students remarkably free from the temptations and dangers often surrounding school life.

BUILDINGS.

The buildings are situated on an ample campus of thirty acres, covered in part with a growth of native firs and oaks, and commanding a fine view of the surrounding mountains.

College and Academy Buildings.—Two plain and substantial buildings of moderate size, each two stories high, afford rooms for library, laboratories, chapel and recitations.

Marsh Memorial Hall.—Plans have been drawn for a much-needed new college building, which will be chiefly given up to recitation rooms, chapel and library. The Trustees have voted that this building should be a memorial to the late Rev. S. H. Marsh, D. D., the first President of the institution. It will cost not less than $50,000, and will be enclosed, it is expected, within the coming year.

Ladies' Hall.—A large four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and affords table board for a number of young men who room elsewhere.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants. The rooms are heated, and furnished with carpet, study-table, stand, mirror, chairs, woven-wire bed with mattress, lamps, and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The hall is conducted so as to afford a well regulated Christian home for young women coming from out of town.

Young Men's Dormitory.—Young men may obtain comfortable rooms at a building which the College has recently fitted up. These rooms will be supplied with bedstead and mattress, washstand, table, chairs and stove. All other necessary furnishings students are expected to provide. The rates for the present year will be found under the head of EXPENSES.

Gymnasium.—The College has purchased the gymnasium building formerly belonging to the Forest Grove Athletic Association.

APPARATUS AND COLLECTIONS.

The Chemical Laboratory has been recently enlarged and is well supplied with apparatus and chemicals needed in the courses in General and Analytical Chemistry. The rooms are supplied with desks and tables with appropriate fixtures, balances, and a set of assaying apparatus.

The Mathematical Department is supplied with a complete set of engineering instruments of the latest Gurley make.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series of ores and other minerals is also accessible to the students for investigation.

An herbarium of about 2000 species (mostly from this region) belonging to the College, and another of 2000 Eastern species constitute the collection of plants accessible for study.

Contributions to the library and geological collection are solicited, and may be sent to any member of the Faculty.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the government, are received by telegraph daily and displayed by the University.

LIBRARY AND READING ROOM.

The College Library, now numbering 6500 volumes, offers excellent facilities for reference and special study, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is very full.

The reading room, which is supplied with a well-selected list of the leading magazines and periodicals, together with a number of religious and secular newspapers of different denominations and parties, is open to all students.

LECTURE COURSE.

During the school year a course of lectures will be delivered before the students of the institution by members of the Faculty and invited speakers. During the past year lectures were delivered in this course by Rev. Roland D. Grant, Hon. G. Shindler, Hon. Thos. H. Tongue, President Thomas Newlin, and Hon. I. A. Macrum. Occasional lectures are delivered on general habits, methods of study and other important subjects, to the young women by the Principal of the Woman's Department and others.

LITERARY SOCIETIES.

There are two of these in the institution; the Gamma Sigma for young men, and the Philomathean for young women. These societies are maintained and managed wholly by the students. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained.

PHYSICAL TRAINING.

The Gymnasium will be thrown open free to all students during certain hours daily.

Exercises in the open air and athletic sports are encouraged, and spacious grounds on the college campus afford excellent opportunities for this kind of physical culture.

REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well-disposed, or who are too wayward for home restraint. To such as are earnest, it offers the advantages of a quiet and orderly community, with all the opportunities of study and mental improvement afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor pupils at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

Students are not allowed to room at a hotel or public boarding house, except on special permission of the Faculty. In selecting or changing rooms, students must consult the presiding officer of the department in which they are registered, and young women rooming elsewhere than at Ladies' Hall will be under the supervision of the mistress of the house where they room.

Permission for absence from recitations or from town for a day or longer period, must be obtained in advance, whenever possible, from the head of the department in which the student is registered.

Profanity, the use of intoxicating drinks, gambling, visiting of billiard halls and saloons, attending dancing parties during term-time, and the use of tobacco on or about the College premises, are forbidden.

Students in any department of the institution may not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

In order to insure the time necessary for the preparation of lessons and to encourage habits of method, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 8:45 to 12 A. M.; from 1 to 4 P. M., and from 7 to 9 P. M. After May 1, and on Saturday throughout the year, from 8 to 9 P. M. During these hours and after 9 P. M., students are expected to be in their rooms unless at school exercises or specially excused.

WOMAN'S DEPARTMENT.

The Woman's Department is not a separate school, but young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies, they recite together. The young women in every department of the institution are under the supervision of the Principal of the Woman's Department.

RELIGIOUS EXERCISES.

The institution aims to give to its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be attained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite.

Accordingly, all students are required to attend daily prayers at the chapel, and church service on Sunday morning. The churches of the town represent the following denominations: Baptist, Congregational, Disciples and Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Woman's Christian Associations are maintained by the students, and the prayer meetings, which occur every Tuesday evening, are largely attended.

The work of these societies is very helpful in determining the Christian character of the institution.

EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half term, to the Local Treasurer.

College Tuition, per term.....$15.00
Academy Tuition, per term..... 10.00

Each student pays an incidental fee of fifty cents per term.

The charge for one study is one-half the regular rate of tuition. For more than one study the full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term may be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that a satisfactory adjustment of them has been made.

BOARD AND ROOMS.

Ladies' Hall.—The price of room rent and board is, for the present, from $3.50 to $4.00 per week, according to location and furnishing of room. Table board for young men, $2.50.

Young Men's Dormitory.—Room rent for the present year will be twenty-five cents per week for each occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board may be obtained in a students' boarding club at cost which, during the past year, did not exceed $1.75 per week.

Rooms and board may be obtained in private families in the town at higher rates.

COLLEGE AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education, need fail in the attempt.

Free scholarships to a limited number are granted to worthy students from funds given for the purpose. Applications for these must be made to the President. Sons and daughters of missionaries in actual service, are admitted upon payment of one-half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

CORPORATE NAME.

The corporate name of this institution is, "The President and Trustees of Tualatin Academy and Pacific University."

THE COLLEGE.

TERMS OF ADMISSION.

For the Course Leading to the Degree of Bachelor of Arts.

1. In English :—Each candidate will be expected to criticize, analyze, and parse specimens of English given at the time of examination. The candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, idiom, and division into paragraphs, and plain and natural in style, on a subject announced at the time of examination. Subjects will be selected from the following works :

For 1893 :—Shakspeare's Julius Cæsar and Twelfth Night, Scott's Marmion, Longfellow's Courtship of Miles Standish, Macaulay's second essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Ivanhoe, Dickens' David Copperfield.

For 1894 :—Shakspeare's Julius Cæsar and Merchant of Venice, Scott's Lady of the Lake, Longfellow's Evangeline, Addison's Sir Roger de Coverley Papers, Macaulay's second essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Abbott, Dickens' Tale of Two Cities.

2. In Greek :—(*a*) Grammar, Goodwin's or Crosby's.
   (*b*) Translation of simple English sentences into Greek.
   (*c*) Xenophon's Anabasis, three books.
   (*d*) Translations at sight of passages from easy Greek prose.

3. In Latin :— (*a*) Grammar, Allen & Greenough's, Harkness' or Andrews and Stoddard's.
   (*b*) Translation of easy sentences into Latin prose.
   (*c*) Cæsar's Gallic War, three books.
   (*d*) Four orations of Cicero.
   (*e*) Vergil's Æneid, four books.
   (*f*) Translations at sight of passages from easy Latin prose.

4. In Mathematics :—(*a*) Arithmetic, including the metric system.
   (*b*) Algebra, through quadratic equations.
   (*c*) Plane and Solid Geometry.

5. In History :—(*a*) U. S. History, leading facts.
   (*b*) History of Greece, leading facts.
   (*c*) History of Rome, leading facts.
   (*d*) Outline of Greek and Roman Mythology.

6. Geography :—(*a*) Modern.
   (*b*) Outline of Ancient.

For the Courses Leading to the Degrees of Bachelor of Science and Bachelor of Literature.

In English, Latin and Mathematics the requirements are the same as for the course leading to the Degree of Bachelor of Arts. Candidates for admission to this course need not offer Greek, in place of which they will be examined in the following subjects.

1. In French :—(*a*) Some proficiency in pronunciation.
   (*b*) A knowledge of the regular and irregular verbs.
   (*c*) Such a degree of facility in translation that Télémaque or Racine may be read with comparative ease.
   (*d*) Some acquaintance with the history of the literature.

2. In Elementary Science :—(*a*) Astronomy.
   (*b*) Natural Philosophy.

ENTRANCE BY CERTIFICATE.

Students who have pursued a course of study equivalent to one of those prescribed in Tualatin Academy, may, by special vote of the Faculty, be admitted to Pacific University on the certificate of the preparatory schools. Schools which desire to have their students thus admitted are requested to send to the Secretary of the Faculty their courses of study.

All certificates should, if possible, be sent before Commencement.

If the preparation of a student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

COURSES OF STUDY.

The courses of study as here outlined were adopted by vote of the Faculty in May, 1891. The elective system, which has proved so successful in other Colleges, has been introduced, and in this and other respects it will be seen that the courses are in accord with the approved ideas of higher education.

It is believed that the prescribed studies will furnish the frame-work of a liberal education, at the same time affording the student such knowledge of his individual tastes and of the various departments of study as will guide him in an intelligent choice from the elective courses.

1. Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English and the introductory study of the Sciences, through the Freshman and Sophomore years, are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required to so choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. For list of elective courses see p. 25.

2. Candidates for the degree of Bachelor of Science will have the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the place of Greek will be taken by Analytical Geometry, Calculus, and advanced work in Chemistry and Biology.

3. The course leading to the degree of Bachelor of Literature is a short course designed for women who do not wish

to pursue the study of Greek, Higher Mathematics, or advanced Science. The other required work and the elective courses are the same as for candidates for the degree of Bachelor of Arts.

SPECIAL STUDENTS.

In the arrangement of the courses, the established fact is recognized that fixed schemes of study must be maintained in the interests of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of $5.00 for the Collegiate Diploma.

Any Bachelor of Arts wishing to receive the degree of Master of Arts in course, is required to furnish to the Trustees evidence of continued interest and progress in professional or literary pursuits, by presenting either a written thesis or a public oration, before receiving the degree, the subject of the same to be presented to the President at the time of applying for the degree.

TEACHERS' CERTIFICATES.

In accordance with the law approved February 20, 1891, the State Board of Education has determined that any per-

son receiving a literary degree, in course, from this institution shall be entitled to receive a State Diploma after having passed an approved examination in the following branches : Bookkeeping, Composition, Physical Geography, Algebra, English Literature, Oregon School Laws, General History, and Theory and Practice of Teaching. This examination will be held under the direction of a member of the Faculty at the end of each college year. A State Life Diploma will be granted to such holders of State Diplomas after six years of successful teaching.

OUTLINE OF COURSES.

CLASSICAL COURSE

Leading to the Degree of Bachelor of Arts.

Freshman Year,

FALL TERM—Livy, 4†; Algebra, 5; Herodotus, 5; Rhetoric, 1.

WINTER TERM—Tacitus, 5; Trigonometry, 4; Homer, 5; Rhetoric, 1.

SPRING TERM—Horace, 4; Engineering or American Literature, 5; Thucydides, 5; Rhetoric, 1.

Sophomore Year,

FALL TERM—General Biology, 5; History, 3; English Literature, 2; Sophocles, 5.

WINTER TERM—Physiology, 5; History, 3; English Literature, 2; Terence (½), 5; Quintilian (½), 5.

SPRING TERM—General Chemistry, 5; History, 3; English Literature, 2; Plato, 3; Botany, 2.

Junior Year,

FALL TERM—Mechanics, 5; German, 5; Elective, 5.

WINTER TERM—Physics, 5; German, 5; Elective, 5.

SPRING TERM—Astronomy, 5; German, 5; Elective, 5.

Senior Year,

FALL TERM—Political Economy, 3, Logic, 3; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy, 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Elective, 5.

†The numerals indicate the number of exercises per week in each subject.

SCIENTIFIC COURSE

Leading to the Degree of Bachelor of Science.

Freshman Year,

FALL TERM—Livy, 4; Algebra, 5; History, 3; English Literature, 2; Rhetoric, 1.

WINTER TERM—Tacitus, 5; Trigonometry, 4; History, 3; English Literature, 2; Rhetoric, 1.

SPRING TERM—Horace, 4; Engineering, 5; History, 3; English Literature, 2; Rhetoric, 1.

Sophomore Year,

FALL TERM—General Biology, 5; German, 5; Analytical Geometry, 5.

WINTER TERM—Physiology, 5; German, 5; Calculus, 5.

SPRING TERM—General Chemistry, 5; German, 5; Calculus, 3; Botany, 2.

Junior Year,

FALL TERM—Mechanics, 5; Chemistry (Qualitative Analysis), 3; Biology, 2; Elective, 5.

WINTER TERM—Physics, 5; Chemistry (Qualitative Analysis), 3; Biology, 2; Elective, 5.

SPRING TERM—Astronomy, 5; Organic Chemistry, 3; Biology, 2; Elective, 5.

Senior Year,

FALL TERM—Political Economy, 3; Logic, 3; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy, 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Elective, 5.

LITERARY COURSE

Leading to the Degree of Bachelor of Literature.

First Year,

FALL TERM—Livy, 4; Algebra, 5; History, 3; English Literature, 2; Rhetoric, 1.

WINTER TERM—Tacitus, 5 ; Trigonometry, 4 ; History, 3 ; English Literature, 2 ; Rhetoric, 1.

SPRING TERM—Horace, 4 ; American Literature, 5 ; History, 3 ; English Literature, 2 ; Rhetoric, 1.

Second Year,

FALL TERM—General Biology, 5 ; German, 5 ; Elective, 5.

WINTER TERM—Physiology, 5 ; German, 5 ; Elective, 5.

SPRING TERM—General Chemistry, 5 ; German, 5 ; Botany, 2 ; Elective, 3.

Third Year,

FALL TERM—Political Economy, 3 ; Logic, 3 ; Evidence of Christianity, 4 ; Elective, 5.

WINTER TERM—Political Economy, 4 ; Psychology, 5 ; Philosophy, 1 ; Elective, 5.

SPRING TERM—Ethics, 5 ; Geology, 5 ; Elective, 5.

NOTE.—Essays or orations will be required throughout each course.

ELECTIVES.

Students in the last two years in College are required to so elect from the following courses as to bring their total work up to fifteen exercises per week. A detailed description of the courses will be found under the respective departments on pages 27–39 :

Latin, 2 ; Greek, 3 ; French, 3 ; English Literature, 2 ; History, 2 ; Mathematics, 5 ; Chemistry (Junior), 3 ; Chemistry (Senior), 2 ; Biology (Junior), 2 ; Biology (Senior), 3 ; Psychology (Spring term), 3 ; Philosophy (Spring term), 2.

It is assumed that the choice of electives will be made by the student with reference to some clear, deliberate plan and as a result of consultation with the President. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him. It is generally desirable that subjects be elected to run through the entire year. Electing by terms, however, will for the present be allowed to a limited extent ; but in every case an elective course extending over more than a term must be pursued for the full time.

The Faculty reserves the right to withdraw any elective, if it be not chosen by a sufficient number of students to constitute a class.

An exercise usually occupies one hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The courses in History and English Literature may be made to count as three hour electives by additional work outside the class room. The course in French, although coming five times per week, will count as a three hour elective.

DEPARTMENTS AND METHODS OF INSTRUCTION.

PHILOSOPHY.

PRESIDENT MC CLELLAND.

Psychology.—The principles of this subject are taught by means of text-books and lectures. Essays are required upon appointed themes, and a course of select reading is marked out and required. Porter's Elements of Intellectual Science. Senior required course. Five hours per week during the Winter term.

Physiological Psychology.—More particular attention is paid in this course to mental phenomena from the experimental and physiological point of view than is possible in the prescribed course. Ladd's Outlines of Physiological Psychology will be made the basis of this work, the Elements of Physiological Psychology, by the same author, being used as a book of reference. Senior elective course. Three hours per week during the Spring term.

Introduction to Philosophy.—It is the object of this course to give a general view of the development of philosophy. This is attempted in an outline course of lectures, Ueberweg's and Schwegler's Histories of Philosophy being used for reference. Senior required course. One hour per week during the Winter term.

Philosophy.—This course consists of reading and discussion on special topics relating to the development of the philosophy of Europe during the seventeenth century. Senior elective course. Two hours per week during the Spring term.

Evidences of Christianity.—This subject is taught by text-book, due consideration being paid to the current phases of thought. Wright's Logic of Christian Evidences, Fisher's Manual of Christian Evidences. Senior required course. Four hours per week during the Fall term.

Ethics.—In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. Hopkins' Law of Love and Love as a Law, Fairchild's Moral Philosophy. Senior required course. Five hours per week during the Spring term.

Logic.—Jevons' Logic, as recast by Hill, is the text-book used in this course. Frequent exercises in argumentation and the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Senior required course. Three hours per week during the Fall term.

LATIN AND GREEK.

PROFESSOR MARSH.

While in the earlier part of the courses a thorough grammatical review is required, the courses are conducted chiefly with the purpose of securing breadth of view, keenness of insight, and power of expression by familiarity with and appreciation of Greek and Latin literature. Frequent reference is made to late discoveries and investigations.

Livy.—Book XXI. Besides the history of the period special attention is here paid to Roman antiquities. Freshman required course. Four hours per week during the Fall term.

Tacitus.—Germania and Agricola. Freshman required course. Five hours per week during the Winter term.

Horace.—Selected Odes and Satires. Ars Poetica. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Freshman required course. Four hours per week during the Spring term.

Terence.—Andria. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

Quintilian.—Selections from Institutiones Oratoriæ are read, which present some of the leading principles of Rhetoric. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

Cicero.—De Amicitia, De Officiis, De Oratore. Elective course. Two hours per week throughout the year.

Greek and Latin Testaments.—One hour per week throughout the College course, those in the classical course reading in Westcott and Hort's Greek Testament and those in the other courses using the Latin. The use of the two languages in the same class affords an opportunity for comparative study to students in all courses. In their Freshman and Sophomore years selections from the Gospels and the Acts are read; in their Junior and Senior years from the Epistles.

Herodotus.—Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. The study of Greek literature is taken up as outlined in Botta's Universal Literature. Required for Freshmen in the classical course. Five hours per week during Fall term.

Homer.—Two or more books of the Iliad. Required course for Freshmen in the classical course. Five hours per week during Winter term.

Thucydides.—Selections. Required for Freshmen in the classical course. Five hours per week during Spring term.

Sophocles.—Antigone. The study of the Greek drama is taken up by lectures and collateral readings. Required for Sophomores in the classical course. Five hours per week during the Fall term.

Plato.—Apology and Phædo. The study of Greek Philosophy is taken up to some extent in connection with this course. Required for Sophomores in the Classical course. Three hours per week during the Spring term.

Plato.—A further study of Plato's writings and of Greek Philosophy than is possible in the required course is undertaken in this course, which is Elective for Juniors and Seniors. Three hours per week during the Winter term.

Æschylus.—Prometheus Bound. Elective for Juniors and Seniors. Three hours per week during the Fall term.

Demosthenes.—De Corona. Elective for Juniors and Seniors. Three hours per week during the Spring term.

PURE AND APPLIED MATHEMATICS.

PROFESSOR FERRIN.

Instruction in this department is conducted with the purpose: (1) to cultivate in the student habits of clear and exact thinking and logical reasoning, together with the ability to state clearly and precisely his own convictions, and the grounds of them; (2) to present the fundamental relations of number and space, and the most suitable methods of ap-

plying them to the discussion of scientific and practical questions.

Higher Algebra.—Beginning with a rapid review of Quadratics, the work in this subject is carried as far as the capacity of the class will permit. Freshman required course. Five hours per week during the Fall term.

Trigonometry, Plane and Spherical.—Due attention is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. Freshman required course. Four hours per week during Winter term.

Engineering.—This course consists largely of field-work and is designed to teach the use of the transit, level and other instruments used in plane surveying and railroad engineering. Required for Freshmen in the Scientific course. Optional with American Literature for Freshmen in the Classical course. Five exercises per week during the Spring term.

Analytical Geometry.—Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the Fall term.

Calculus.—The infinitesimal method is used in the treatment of this subject. Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the Winter term and three hours per week during the Spring term.

Mechanics.—Text book, Olmsted's Revised College Philosophy. Junior required course. Five hours per week during the Fall term.

Physics.—This course consists of a mathematical treatment of the different branches of Physics, the work being

supplemented by lectures and the use of illustrative apparatus. Text book, Olmsted's Revised College Philosophy. Junior required course. Five hours per week during the Winter term.

Astronomy.—Special attention is given to establishing the mathematical principles of the science and to teaching the methods of computation in most general use in practical Astronomy. Text book, Olmsted's Revised College Astronomy. Junior required course. Five hours per week during the Spring term.

CHEMISTRY.

PROFESSOR WHITTELSEY.

The chief instruction in the courses in Chemistry is given in the laboratory. This is supplemented by lectures and recitations. The books mentioned below are used as guides merely, the instruction in no case being confined to what is there presented. Laboratory fees, payable in advance, are charged to cover cost of chemicals used. Reference books.—Richter's Inorganic Chemistry; Roscoe's Elementary Chemistry; Bloxam & Huntington's Metals; Remsen's Organic Chemistry; Richter's Organic Chemistry; Qualitative Analysis, Fresenius, Harris, Thorpe & Muir; Quantitative Analysis, Fresenius, Thorpe, Classen, Sutton, Mears.

General Chemistry.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. Instruction is given by lectures and recitations, and in the laboratory where one-third of the time is spent. Sophomore required course. Five exercises per week during the Spring term. Laboratory fee, $2.00.

Qualitative Analysis.—This course consists chiefly of practical work in the laboratory. An experimental knowledge

of the reactions of the more common metals and acids is first acquired, after which single and mixed substances are presented the student for identification, a gradual advance being made from simple to complex compounds. The laboratory work is supplemented by lectures on the metals and their compounds, and on the applications of Chemistry to the arts and industries. Required for Juniors in the Scientific course. Elective for other students. Three exercises (nine hours) per week during the Fall and Winter terms. Laboratory fee, $5.00 per term.

Organic Chemistry.—Lectures on the compounds of carbon. Required for Juniors in the Scientific course. Elective for other students. Three hours per week during the Spring term.

Quantitative Analysis.—This course is devoted to typical gravimetric and volumetric determinations in the laboratory, with a study of the chemistry of the operations involved. Senior Elective course. Two exercises (six hours) per week during the Senior year. Laboratory fee, $5.00 per term.

BIOLOGY AND GEOLOGY.

PROFESSOR LLOYD.

The courses in this department are conducted by means of lectures together with work in the laboratory. The student is required to embody in drawings the results of his laboratory observations. When desirable and practicable, field excursions are taken, giving the student an opportunity to put to a practical test the principles studied in the laboratory or lecture room. Text books are used as guides in laboratory work, and a departmental library contains a number of reference books in German and English.

General Biology.—This course is given by lectures and laboratory work consisting of the dissection of a plant, an invertebrate and a vertebrate animal, and recitations thereon. Sedgwick and Wilson's General Biology. Sophomore required course. Five hours per week during the Fall term. Laboratory fee, $2.00.

Botany.—The work in this course consists of the microscopic study of various types of plant life, from the lowest to the highest, together with field work and instruction in the preservation and preparation of plant tissues and herbarium specimens. Bennett and Murray's Cryptogamic Botany, Macloskie's Elementary Botany.

Comparative Anatomy.—(*a*) Invertebrates: Huxley's Anatomy of Invertebrate Animals, Brooks' Hand-Book of Invertebrate Zoology. Required for Juniors in the Scientific course. Elective for other students. Two exercises (six hours) per week during the Fall term. Laboratory fee, $5.00.

(*b*) Vertebrates: Parker's Zootomy, Wiedersheim's Comparative Anatomy of the Vertebrates. Required for Juniors in the Scientific course. Elective for other students. Two exercises (six hours) per week during the Winter and Spring terms. Laboratory fee, $5.00 per term. These courses consist of lectures on Comparative Anatomy and the dissection in the laboratory of certain invertebrate and vertebrate types. Close and accurate observation and careful reproduction in drawing of dissections form the chief part of the work.

Histology.—The tissues of various vertebrate animals are studied comparatively, and the student attains some degree of skill in the preparation of animal tissues and in microscopic technique. The course is amplified by lectures and frequent quizzes are held. Wiedersheim's Comparative An-

atomy of Vertebrates. Senior Elective course Three exercises (six hours) per week during the Fall and Winter terms. Laboratory fee, $5.00 per term.

Embryology.—The student is instructed in methods of embryological research, the development of the chick being studied. The students preserve and prepare their own specimens. Lectures on Comparative Embryology. Haddon's Embryology, Balfour's Comparative Embryology. Senior Elective course. Three exercises (six hours) per week during the Spring term. Laboratory fee, $3.00.

Physiology.—Lectures and recitations. The dissection of a mammal in the laboratory is required from each student. Martin's The Human Body. Sophomore required course. Five exercises per week during the Winter term.

Geology.—In addition to the lectures and recitations in this course, the students are required to study fossils and rock forms from specimens in the collections. Several excursions to points of interest near by are made to teach the student to observe the action of geological agencies. Geikie's Geology. Senior required course. Five exercises per week during the Spring term.

MODERN LANGUAGES.

PROFESSORS MARSH AND LLOYD.

French.—Keetels' French Grammar and Reader. Selections from Fenelon's Télémaque. Racine's Andromaque or Athalie. Selections from Fontaine's Les Poètes Français du XIX^{e} Siècle. Elective for students in the Classical course. Five exercises per week throughout the year.

German.—Whitney's Brief German Grammar. Selections from Grimm's Kinder und Hausmarchen. Schiller's

Taucher, and Der Neffe als Onkel. Riehl's Der Fluch der Schonheit. Selections from Heine and Goethe. Required for Juniors in the Classical course and Sophomores in the Scientific course. Five hours per week throughout the year.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR ROBERTSON.

The study of History is conducted, not only with the purpose of giving the student a knowledge of facts in their sequence, but also to cultivate the reasoning powers by studying these facts under the laws of cause and effect. In all the courses special emphasis is laid upon the careful keeping of note-books, the making of outlines, and the constant use of an historical atlas.

History of Modern Europe.—This course consists of lectures and is intended to give the student a general knowledge of European history from the fifteenth to the nineteenth centuries, inclusive. Attention is paid to the broad movements with their causes and effects rather than to details. Supplementary reading with reports upon the same in the class-room is required. Reference books, Ploetz' Epitome of Universal History, Fisher's Outlines of Universal History, Lodge's Modern Europe, Mueller's Political History of Modern Times, Guizot's History of Civilization, Putzger's Historical Atlas. Required course for Sophomores in the Classical course and for Freshmen in the other courses. Two exercises per week throughout the year.

American History.—This course consists of lectures and collateral reading upon some period of American history. A short time at the close is given to the study of some topic connected with local history in Oregon, Washington or California. Reference books, Von Holtz' Constitutional

History of the United States, Bancroft's History of the United States, Fiske's American History series, American Statesman series, American Commonwealth series, Johnson's American Politics. Junior elective course. Two exercises per week during the Fall and Winter terms.

Comparative Constitutional History.—This course consists of lectures upon the constitutions of England, France, Germany, Switzerland and the United States, bringing out in comparative form the leading features of each. Reference book, Woodrow Wilson's The State. Elective course. Two exercises per week during the Spring term.

Political Economy.—This subject is taught by means of text books, lectures, collateral reading and essays. Senior required course. Three exercises per week during the Fall term, and four exercises per week during the Winter term.

ENGLISH LANGUAGE AND LITERATURE.

MISS BROOKS.

The work in this department is so conducted as to bring the student in touch with the best works of the English authors, and to give him as well facility in the use of the language. The courses are conducted by means of lectures, direct reading of authors, and special papers on assigned topics. Reference books.—Stopford Brooke's English Literature Primer, Gosse's English Literature, Ward's English Poets, Schlegel's Dramatic Literature, Minto's Manual of English Prose Literature, Minto's English Poets, Hale's Longer English Poems, Johnson's Lives of the Poets (edited by Matthew Arnold), Spenser's Faery Queen and Chaucer's Prologue (Clarendon Press), Hudson's edition of Shakspeare, Rolfe's edition of Shakspeare.

Rhetoric.—(*a*). Work upon special topics will be assigned. In the class-room drill will be had in the writing of descriptions, narratives and sketches. A study of selections from the best English and American authors will accompany this work. Text books: Genung's Rhetoric and Hand-book of Rhetorical Analysis. Freshman required course. One exercise per week throughout the year.

(*b*) The subject for Rhetorical work in the Sophomore year will be the Essay, in the Junior year, Argumentation, and in the Senior year, the Oration. One exercise each year is required.

Outline of English Literature.—Required course for Sophomores in the Classical course and Freshmen in the other courses. Two exercises per week during the Fall term.

English Prose Writers.—Required course for Sophomores in the Classical course and Freshmen in the other courses. Two exercises per week during the Winter term.

English Poets and Poetry.—Required course for Sophomores in the Classical course and Freshmen in the other courses. Two exercises per week during the Spring term.

American Literature.—This course will include a brief survey of the literature of the eighteenth and nineteenth centuries, together with selected readings from the best American poets and prose writers. The lives of the authors will also be studied. Freshman course, required for students in the Literary course, optional with Engineering for students in the Classical course. Five exercises per week during the Spring term.

Development of the Drama.—In this course the study of Shakspeare occupies a large portion of the time. Elective course. Two exercises per week during the Fall term.

Chaucer, Spenser and Milton.—Elective course. Two exercises per week during the Winter term.

Nineteenth Century Authors.—Elective course. Two exercises per week during the Spring term.

DRAWING AND PAINTING.

Pupils who have the time and inclination have an opportunity to take private lessons in drawing and painting at reasonable terms with an experienced teacher who is connected with the College.

THE CONSERVATORY OF MUSIC.

THE CONSERVATORY OF MUSIC.

The Musical Department is under the same general management as the other departments, and is under the immediate charge of the Director of the Conservatory and assistant teachers.

THE COURSE OF STUDY

Is planned with regard to the thorough and symmetrical development of the musical faculties. It includes a thorough course in Harmony and Composition, and provides for the acquirement of a high degree of proficiency in two of the following branches: Piano-Forte, Singing and Organ.

The time necessary for the completion of the course cannot be definitely given, as it depends on the previous training, ability and application of the pupil. Usually from two to four years are required. Public and private rehearsals, in which both teachers and pupils take part, are frequently given.

DIPLOMAS

Are awarded by the Trustees of the University to students who have satisfactorily completed the Conservatory course.

A choral class for beginners will be formed, for which a nominal fee will be charged. Those sufficiently advanced will have an opportunity to join the choir or the Musical Union, where the highest order of sacred and secular music is used.

Pupils may make special arrangements with the Director for hours of piano practice.

Those who do not wish to purchase music may have access to the Music Library by the payment of a small fee.

TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (piano or organ) per term of 24 lessons (one-half hour each).....$15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each)..... 15 00
Class Lessons (two in a class) of three quarters of an hour each..... 10 00
Harmony, per term..... 5 00
Rent of Piano, for two hours practice per day, per month.....$1 00 – 2 00
Rent of Music from Musical Library, per term, from.....75c to 1 50

THE ACADEMY.

THE ACADEMY

Is under the immediate charge of the Principal and his assistants. The College Faculty have general direction respecting the courses of study and discipline.

PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the Classical, Scientific and Literary courses of the College, and at the same time offers special opportunities for those desiring thorough training in the common

ENGLISH BRANCHES.

All the facilities of the University in the way of libraries, lectures, etc., will be open to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper the student must be able to pass a satisfactory examination in the English studies of the sub-preparatory year. For admission to advanced standing the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

REPORTS.

A record of the work of each pupil is kept, and at the close of each term a report is sent to the parent or guardian.

EXAMINATIONS

Are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to the corresponding courses in College.

For information concerning expenses, study hours, regulations, see pages 7–14.

ACADEMY COURSES.

Sub-Preparatory Year,

FALL TERM—Arithmetic, English Grammar, Geography, Reading and Spelling.

WINTER TERM—Arithmetic, English Grammar, Geography, Reading and Spelling.

SPRING TERM—Arithmetic, English Grammar, Geography, Reading and Spelling.

CLASSICAL.

First Year,

FALL TERM—Latin, English Grammar, Arithmetic.

WINTER TERM—Latin, U. S. History, Elementary Physiology or Bookkeeping.

SPRING TERM—Latin, English Composition, Mental Arithmetic.

Second Year,

FALL TERM—Cæsar and Roman History, Algebra, Physical Geography.

WINTER TERM—Cæsar and Roman History, Algebra, Greek.

SPRING TERM—Cicero and Ancient History, Algebra, Greek.

Third Year,

FALL TERM—Cicero and Ancient History, Plane Geometry, Greek.

WINTER TERM—Vergil, Civil Government and Geometry, Anabasis.

SPRING TERM—Vergil, Solid Geometry, Anabasis.

SCIENTIFIC AND LITERARY.

First Year,

FALL TERM—Latin, English Grammar, Arithmetic.

WINTER TERM—Latin, U. S. History, Elementary Physiology or Bookkeeping.

SPRING TERM—Latin, English Composition, Mental Arithmetic.

Second Year,

FALL TERM—Cæsar and Roman History, Algebra, French.

WINTER TERM—Cæsar and Roman History, Algebra, French.

SPRING TERM—Cicero and Ancient History, Algebra, French.

Third Year,

FALL TERM—Cicero and Ancient History, Plane Geometry, Physical Geography.

WINTER TERM—Vergil, Civil Government and Geometry, Elementary Astronomy.

SPRING TERM—Vergil, Solid Geometry, Natural Philosophy.

(Rhetorical work and Bible study throughout both Courses.)

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

Latin and Greek.—The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading three books of Cæsar, four orations of Cicero, four books of Vergil's Æneid, and three books of Xenophon's Anabasis, accompanied by more advanced work in Grammar and by Prose Composition. During the last two terms of the course, one hour a week is devoted to Roman Literature.

Text Books.—Collar & Daniel's Latin Book for Beginners, Allen & Greenough's Latin Grammar, Allen & Greenough's Preparatory Course in Latin Prose, any good edition of Vergil, Goodwin's Greek Grammar, Goodwin's Greek Selections, White's Greek Book for Beginners, Botta's Hand-book of Universal Literature.

French.—The study of French extends throughout a year. There are first acquired some proficiency in pronunciation, and a knowledge of the regular forms and of the irregular verbs, after which the time is chiefly devoted to reading. Text books.—Keetels' French Grammar and Reader, Fenelon's Télémaque, Racine's Andromaque or Athalie, Fontaine's Les Poètes Français du XIX^{e} Siècle.

Mathematics.—Three terms in the second year are given to the study of Algebra. The work of the first term is to Fractions; of the second, to Involution, and of the third, to Theory of Quadratics.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text Books.—Wells' Academic Algebra; Chauvenet's Plane and Solid Geometry.

Science.—Elementary courses are given in Physical Geography, Physiology, Natural Philosophy and Astronomy. Text Books.—Houston's Physical Geography, Walker's Physiology, Avery's First Principles of Natural Philosophy, Young's Lessons in Astronomy.

English.—In the sub-preparatory and first year's work, drill will be given in the study of English Grammar and Composition. This work will include a study of Etymology, Syntax, and work in English Analysis.

During the second year of the Academy work, classes will meet once a week for practical work in composition. The first two terms of the second year will be given to study of elements of English Language, Figures of Speech, study of choice of words, etc. The subject for third term's work is "The Paragraph." Together with this work selections from the best American writers will be studied. The plan of work will be similar to that outlined in Lockwood's Lessons in English.

For the third year's work a course in American Literature will be given. This will occupy one hour a week. With this work one written exercise—essay or oration—a term will be required.

History.—United States History is studied during the second term of the first year. The work is so arranged as to lead the pupil to a more thoughtful study of History, by introducing extracts from the original sources and compelling the pupil to think and reason rather than commit to memory. The text-book used is Studies in American History, by Sheldon Barnes.

Greek and Roman History are studied in connection with Greek and Latin. Brief text-books are used, supplemented by reading upon assigned topics.

Three exercises a week during the third year are given to Civil Government. Fiske's Civil Government is the text-book used.

Bookkeeping is made optional with Physiology in the second term of the first year. It is given to meet the wants of pupils who need this study and at the same time wish a more thorough general course than can be secured at a business college. Text-books: New Bryant & Stratton Common School Bookkeeping, Clark's Commercial Law.

Common English Branches.—During the sub-preparatory year and the first term of the first year of Academy courses, thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling and Penmanship. Text-books.—Fish's Arithmetic No. 2, Brooks' Mental Arithmetic, Monteith's Comprehensive Geography, Westlake's 3,000 Test Words, Watson's Complete Speller, Marsh's Brief Outline of English Grammar.

Bible Study.—The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The Old Testament is the subject of the first two years' study and the New Testament of that of the last two years.

COLLEGE STUDENTS.

1892-1893.

SENIORS.

Bond, Elias Austin.....C.....Forest Grove.
Morrison, Nancy Bailey.....L.....Monkland.
Stewart, Horace D.....C.....Forest Grove.
Stewart, Loring V.....C.....Forest Grove.
Thomas, Dwight H.....S.....Forest Grove.
Tongue, Edith L.....L.....Hillsboro.

JUNIORS.

Adams, Thomas H.....C.....Carrollton, Wash.
Smith, Fred R.....C.....Forest Grove.

SOPHOMORE.

Shiach, William S.....C.....Kirkland, Wash.

FRESHMEN.

Bisbee, Ruel M.....S.....Forest Grove.
Brooks, Anna P.....C.....Tabor, Iowa.
Macrum, John W.....S.....Forest Grove.
Robb, William.....S.....Forest Grove.
Stewart, Emma.....C.....Forest Grove.
Tongue, Edmund Burke.....S.....Hillsboro.

SPECIAL STUDENTS.

Anderson, Mary.....Portland.
Bates, Anna M.....Gaston.
Hardie, Lillian E.....Brower.
Kernes, Oliver H.....Portland.
Sommerville, Madge.....Portland.
Tongue, Marie.....Hillsboro.
Witham, A. A.....Forest Grove.

ACADEMY STUDENTS.

1892-1893.

THIRD YEAR.

Adams, Agnes.....Jefferson.
Bailey, John W., (*C*).....Hillsboro.
Bauer, Philip.....Tualatin.
Bond, Harry D.....Forest Grove.
Curtis, Winterton C. .....The Dalles.
Marsh, Fred L., (*C*). .....Forest Grove.
Warren, Minnie.....Hillsboro.

SECOND YEAR.

Bradley, Charles.....Greenville.
Buchanan, Charles B., (*C*).....Cornelius.
Gleason, Lorena.....Forest Grove.
Hartley, Harvey, (*C*).....Greenville.
Hirota, Ichiro.....Kochi, Japan.
Jeffs, Alex. S., (*C*).....Pialschie, Wash.
Luce, Edward C., (*C*) .....Hillsboro.
Myers, Frank.....Forest Grove.
Robbins, Marcus W.....Springfield, Wash.

C is p aced after the names of those in the Classical course.

FIRST YEAR.

Adkins, John W.....Forest Grove.
Anderson, Ella.....Forest Grove.
Baber, Liverne.....Forest Grove.
Beal, Ora.....Forest Grove.
Bond, Osbun.....Forest Grove.
Brown, Liberta.....Forest Grove.

Bursell, Lewis J.....Silverton.
Cochrane, Arthur H.....Huntington.
Collins, William D.....Seal Rock.
Cox, Lena.....Forest Grove.
Garlington, Osa C.....Hillsboro.
Garrison, Blanche L.....Forest Grove.
Gates, Oliver B.....Hillsboro.
Gleason, Leonard.....Forest Grove.
Gordon, Emma.....Forest Grove.
Graham, Charlotte.....Forest Grove.
Hamer, Walter R.....Forest Grove.
Hardie, Taylor J.....Brower.
Harrison, John P.....Forest Grove.
Hartley, Clarence.....Greenville.
Haskell, Geo. L.....Zanesville, Ohio.
Henderson, A.....Gaston.
Johnson, Floyd E.....Forest Grove.
Kane, Fred.....Forest Grove.
Kirkwood, Joseph E.....Pebble.
Lieser, May.....Vancouver, Wash.
Luce, Ruhama.....John Day.
Luce, Mary.....Hillsboro.
Marsh, Winifred.....Forest Grove.
Merriman, Adrian.....Hillsboro.
Miller, John.....Forest Grove.
Morrison, Thos.....Forest Grove.
Myers, Kate.....Forest Grove.
Robb, James.....Forest Grove.
Russell, Geo.....Gaston.
Russell, Minnie.....Gaston.
Russell, J. W.....Portland.
Severance, Egbert De F.....Tillamook.
Sorenson, Anna.....Forest Grove.
Streeter, Grace.....Portland.

Thomas, Ida.....Forest Grove.
Thompson, Laura.....Tualatin.
Thorp, Bessie.....Forest Grove.
Tompkins, Eugena.....Forest Grove.
Tongue, Bertha.....Hillsboro.
Turpen, Edward.....Empire City.
White, Margaret.....Gales Creek.

SUB-PREPARATORY YEAR.

Ackerson, Alice.....Needy.
Alley, Ghym.....Nehalem.
Baldwin, Stella.....Forest Grove
Belshaw, Edith C.....Mount Vernon.
Blank, Nora.....Forest Grove.
Brady, A.....Forest Grove.
Caples, John V.....Forest Grove.
Clark, Nettie.....Forest Grove.
Connell, John W.....Glencoe.
Cox, Dora.....Forest Grove.
Davis, Geo. A.....Forest Grove.
Dobbins, John H.....Scappoose.
Downs, Allis.....Forest Grove.
Geiger, Hugh.....Forest Grove.
Ewing, Jane.....Fulton.
Griggs, Stephen E.....Dayton.
Harrison, Elmer.....Forest Grove.
Henderson, Daisy.....Gaston.
Herrington, Lee.....Forest Grove.
Herron, Jane.....Forest Grove,
Hinman, Mabel.....Forest Grove.
Hingley, Mary.....Progress.
Howells, Clarence.....Albany.
Imbrie, Maude.....Hillsboro.
Kerns, William M.....Portland.

Kingry, Minnie ..... Kinsley, Kansas.
Knapp, Mary ..... Portland.
Kruse, C. C. W ..... Vancouver, Wash.
Luelling, Fred. O. ..... Portland.
Marsh, Gertrude E. ..... Forest Grove.
McNamer, C. W. ..... Greenville.
Merriman, Geo. H. ..... Hillsboro.
Morrison, James M. ..... Forest Grove.
Munson, Mark C ..... Roseburg.
Murphy, Florence ..... Oregon City.
Myers, Norman J ..... Blalock.
Myers, John H ..... Blalock.
Parker, T. T ..... Forest Grove.
Parker, J. A ..... Forest Grove.
Parmen, Ethel ..... Condon.
Phelps, Ira ..... Silverton.
Pence, Dora E ..... Washoe, Idaho.
Pollock, William M ..... Cornelius.
Riggs, Wilmer ..... Forest Grove.
Russell, Eleanor ..... Forest Grove.
Russell, Chas ..... Gaston.
Shorey, Eliza J ..... Mountaindale.
Smith, Hiram ..... Greenville.
Stroup, Frances ..... Washoe, Idaho.
Stroup, Jessie ..... Washoe, Idaho.
Stroup, A. A ..... Washoe, Idaho.
Sweek, Thaddeus L ..... Portland.
Walker, Raleigh ..... Gaston.
Walker, Jeremiah ..... Oxford, Wash.
Walker, John ..... Gaston.
Walker, Mary ..... Beaverton.
Walker, Elda ..... Chemawa.
Walker, Leva ..... Chemawa.
Whitcomb, Lizzie ..... Lyle, Wash.

Van Bebber, Marcus.....The Dalles.
Yoder, L. B.....Needy.

*This includes students who take some of the English branches in the first year.

SPECIAL STUDENTS.

Bates, Matthew.....Gaston.
Ingles, Margaret.....Forest Grove.
James, Helen .....Hillsboro.
Jones, Gladys M.....Oswego.
Marden, Victor.....The Dalles.
Rands, H. A .....Oregon City.
Rands, Ernest .....Oregon City.
Thomas, Arthur H.....Forest Grove.

STUDENTS IN CONSERVATORY OF MUSIC.

1892-1893.

INSTRUMENTAL.

Anderson, Mary .....Portland.
Baber, Liverne.....Forest Grove.
Bailey, Mary E.....Forest Grove.
Cochrane, Lizzie L. .....Huntington.
Garrison, Blanche.....Forest Grove.
Gleason, Leonard .....Forest Grove.
Gleason, Lorena.....Forest Grove.
Gleason, Myrtle.....Forest Grove.
Graham, Charlotte D. .....Forest Grove.
Haines, Mrs. E. W.....Forest Grove.
Hardie, Lillian E.....Brower.
Henderson, Daisy.....Dilley.
James, Helen.....Hillsboro.
James, Sarah.....Hillsboro.

Lee, Cora ..... New Whatcom, Wash.
Marsh, Gertrude E..... Forest Grove.
Marsh, Winifred..... Forest Grove.
Morrison, Maude..... Monkland.
Morrison, Margaret ..... Monkland.
Porter, Alice ..... Forest Grove.
Roe, Anna ..... Forest Grove.
Porter, Nellie..... Forest Grove.
Sommerville, Madge..... Portland.
Steinkemeyer, Marie ..... Dilley.
Strecter, Grace..... Portland.
Stroup, Alonzo A..... Washoe, Idaho.
Stroup, Jessie ..... Washoe, Idaho.
Tabor, Maude..... Forest Grove.
Thorp, Bessie M.. ..... Forest Grove.
Thomas, Ida M. ..... Forest Grove.
Tompkins, Eugena..... Forest Grove.
Tongue, Bertha..... Hillsboro.
Tongue, Marie ..... Hillsboro.
Walker, Elda..... Chemawa.
Walker, Leva ..... Chemawa.
Warren, Minnie..... Hillsboro.

VOCAL.

Barnes, Belle..... Forest Grove.
Bullen, Mary E. ..... Moline, Ill.
Haines, Mrs. E. W. ..... Forest Grove.
Hughes, Grace ..... Forest Grove.
James, Helen ..... Hillsboro.
James, Sarah..... Hillsboro.
Jones, Gladys M..... Oswego.
Lee, Cora..... New Whatcom, Wash.
Rogers, May ..... Forest Grove.
Stewart, Emma..... Forest Grove.
Tongue, Edith..... Hillsboro.

CHORAL.

Adams, Agnes.....Jefferson.
Anderson, Mary.....Portland.
Barnes, Belle.....Forest Grove.
Bauer, Philip.....Tualatin.
Bates, Anna.....Gaston.
Beal, Ora.....Forest Grove.
Belshaw, Edith.....Mount Vernon.
Brooks, Anna.....Tabor, Iowa.
Clark, Belle.....Forest Grove.
Clark, Mary.....Forest Grove.
Cochrane, Lizzie.....Huntington.
Garrison, Blanche.....Forest Grove.
Gerrish, Rosa.....Forest Grove.
Gleason, Lorena.....Forest Grove.
Hardie, Lillian.....Brower.
Henderson, Arlie.....Dilley.
Henderson, Daisy.....Dilley.
Hingley, May.....Progress.
Kernes, Oliver.....Portland.
Lee, Cora.....New Whatcom, Wash.
Luce, Ruhama.....John Day.
Marsh, Fred.....Forest Grove.
Marsh, Gertrude E.....Forest Grove.
Marsh, Winifred.....Forest Grove.
Munson, Mark C.....Roseburg.
Naylor, Edward L.....Forest Grove.
Phelps, Ira.....Silverton.
Shiach, William S.....Kirkland, Wash.
Stewart, Horace D.....Forest Grove.
Stewart, Loring V.....Forest Grove.
Thorp, Bessie M.....Forest Grove.
Thomas, Ida M.....Forest Grove.

Thompson, Laura.....Tualatin.
Walker, Elda.....Chemawa.
Walker, Leva.....Chemawa.
Warren, Minnie.....Hillsboro.
White, Margaret.....Gales Creek.

STUDENTS IN ART.

Gates, Ada.....Gales Creek.
Knapp, Mary.....Portland.
McClelland, Kellogg D.....Forest Grove.
Stroup, Frances.....Washoe, Idaho.

SUMMARY.

College students	22
Academy students	132
Conservatory students	66
Art students	4
Total	224
Deduct number counted twice	58
Total number different students	166

ALUMNI.

1863.

Harvey W. Scott, A. M., Editor-in-Chief Oregonian ..... Portland.

1866.

George H. Durham, A. M., Attorney at Law.. Portland.
Myron Eells, D. D., Congregational Clergyman. Union City, Wash.
Edward B. Watson, A. M., Attorney at Law.. Portland.

1867.

John Q. A. Bowlby, A. M., Attorney at Law... Astoria.
J. Elkanah Walker, A. M., Missionary A. B. C. F. M..... Foochow, China.
David Raffety, B. S., M. D., Physician..... East Portland.

1868.

Charles C. Hall, A. M., Farmer..... Portland.
Thomas H. Tongue, A. M., Attorney at Law... Hillsboro.

1869.

Jacob Hoover, A. M., Banker ..... Spokane, Wash.
Raleigh Stott, A. M., Attorney at Law ..... Portland.
Harriet (Hoover) Killin, M. S..... Portland.

1870.

Frank L. Stott, A. B., obit, 1873 ..... Gaston.
Addison A. Lindsley, A. B., State Treasurer.. Olympia, Wash.
Georgiana (Brown) Bowlby, M. S ....Astoria.
Phœbe Irene (Clarke) Davis, M. S..... Salem
Candace A. (Neal) Luce, M. S..... ..Hillsboro.

1872.

Henry B. Luce, A. B., State Food Commissioner..... Hillsboro.

1873.

Levi C. Walker, A. M., Principal Indian Training School ..... Chemawa.
William R. Bilyeu, B. S., Attorney at Law .... Albany.
W. D. Lyman, A. M., Prof. of History and of the English Language and Literature, Whitman College ..... Walla Walla, Wash.
Mary (Goodell) Burt, M. S. ..... Drain.
Sarah I. Lyman, M. S ..... Portland.

1874.

Eugene P. McCornack, A. B., Banker ..... Salem.
Herbert F. McCornack, A. B., M. D ..... Eugene.
Willard H. Latourette, B. S., Baptist General Missionary ..... Oakland, Cal.
Jacob G. Stevenson, B. S., Co. School Supt ... Eugene.
Dora Hinshaw, M. S. ..... Black Diamond, Wash.
Ella (Scott) Latourette, A. M ..... Oregon City.

1875.

Hattie (Martin) Vestal, B. S ..... Snohomish, Wash.
S. Belle (Putman) Walker, M. S., Teacher Indian Training School ..... Chemawa.

1876.

Edward M. Atkinson, A. B., Attorney at Law Portland.
Hatstara Tamra, A. M , Teacher in Government School ..... Tokio, Japan.
James T. Martin, B. S., (M. D. Univ. Mich. 1883) ..... Woodland, Cal.
Yei Nosea, A. M., City School Superintendent. Tokio, Japan.
Kin Saito, B. S., (LL. B. Univ. Mich. 1871) Judge of Superior Court ..... Hirosima, Japan.
Ella (Watt) Jackson, M. S. ..... Pullman, Wash.

1877.

William K. Curtis, B. S., Farmer ..... Dayton.
Charles W. Schaff, B. S., M. D. ..... Lewiston, Idaho.
Tabitha A. (Clark) Eberts, M. S ..... Fort Huachuca, Arizona

1878.

Laura M. (Hoxter) Whalley, A. B..... Portland.
DeWitt Clinton Latourette, A. M., Attorney at Law.....Oregon City.
Horace S. Lyman, A. M., Congregational Clergyman and Co. School Supt.....Astoria.
Ella (Scott) Latourette, A. M.....Oregon City.
Milton W. Smith, A. M., Attorney at Law.....Portland.
Mary A. (Cresswell) Eagen, M. S.....Pendleton.
Mary S. Eaton, M. S., obit, 1882.....Oswego.
Elvia H. Fearnside, obit, 1879.....Forest Grove.
Mary J. (Lyman) McCoy, M. S .....Portland.
Samuel R. Stott, B. S., Attorney at Law.....Portland.

1879.

William N. Barrett, B. S., Attorney at Law and District Attorney.....Hillsboro.
Frank M. Beckwith, Merchant.....Ilia, Wash.

1880.

Newton McCoy, A. B., Attorney at Law.....Portland.

1881.

George W. Coplen, A. B.....Latah, Wash.
John T. Whalley, A. M., Attorney at Law.....Portland.
J. Alfred Watt, B. S. (M. D. Univ. of Mich.) Physician.....Portland.

1882.

Mitchell Gilliam, A. B., Attorney at Law.....Seattle, Wash.
Barnett Y. Roe, A. B., Attorney at Law.....Gaston.
Mary Virginia Keene, M. S .....Fairfield.

1883.

Napoleon Davis, A. M., Attorney at Law .....Salem.
Adelaide Poppleton, A. B..... Portland.
Anna Jackson, M. S., Teacher.....Tacoma, Wash.

1884.

Joseph Beek, A. B.....Portland.

1885.

Marion C. Adams, A. B., Nurseryman... ... Sunset, Wash.
Margaret J. (Macrum) Byrd, M. S .....Salem.
Silas M. Shipley, B. S., (LL. B., Univ. Oregon
1888) Attorney at Law.... ....Seattle, Wash.

1886.

James R. Marsh, A. B., Farmer ....Molalla.
J. Wheelock Marsh, A. B., Editor Times.....Forest Grove.
Laura (Marsh) Cadwell, M. S.....Bozeman, Mont.

1887.

William D. Wood, A. B., (M. D. Univ. Mich.
1890) Physician..... .....Hillsboro.
Callie (Campbell) Montgomery, M. S .....Grant's Pass.
Mary Gray, M. S., obit, 1890..... .. ..Portland.
Ethel Gray, M. S . . ..Portland.
Nellie Woods, M. S., Bookkeeper.....Forest Grove.
J. C. Clark, B. S., Teacher in I. T. School.....Chemawa.

1888.

Estella S. Porter, A. B., obit, 1889 .....Forest Grove.
Fred N. Hallett, B. S. Banker..... .....Juliaetta, Idaho.
Frank W. Hinman, B. S., Merchant.....Ellensburg, Wash.
William P. Marsh, B. S., Student Univ. Vt....Burlington, Vt.
John U. Smith, B. S., (LL. B., Univ. Oregon,
1890) Attorney at Law..... ....Portland.

1889.

Mattie E. (Koontz) Smith, B. S.....Portland.
Sidney E. Marsh, A. B., Journalist, obit, 1890..Port Townsend, Wash.
Clay McNamee, B. S., Attorney at Law.....Moscow, Idaho.

1890.

William S. Macrum, A. B., Bank Collector.....Portland.
Gustaf Walter Nelson, A. B., Congregational
Clergyman ....Kalama, Wash.
Mary Ellen Lee, M. S..... .... New Whatcom, Wash.
Alexander C. Alexander, B. S .. ..Portland.

Lafayette Lincoln Bush, B. S., Prof. Math.
Portland Univ. . . . . Portland.

1891.

Wm. A. Bates, B. S., Bookkeeper. . . . . Gaston.
Margaret Hinman, B. L. . . . . Forest Grove.
John S. Hodgin, B. S., Teacher. . . . . Gold Beach.
John A. Lee, A. B., Teacher. . . . . New Whatcom, Wash.
Mary E. (Patton) Snider, A. B. . . . . Oakland, Cal.
Asa B. Snider, Student Pacific Theolog. Sem. . Oakland, Cal.

1892.

Wm. A. Bond, B. S., S. S. Missionary. . . . . Forest Grove.
Jesse R. Caples, B. S., Law Student. . . . . Portland.
Ernest E. Merges, B. L., Law Student. . . . . Portland.
Edward L. Naylor, B. L., Real Estate. . . . . Forest Grove.
Pem Patton, B. S., Teacher. . . . . Gaston.

INDEX.

Calendar 2–3
Trustees 4
Finance Committee 4
Faculty and Instructors 5
Officers of Associate Alumni 6
General Information 7
Aim 7
Location 7
Buildings 7
Apparatus and Collections 9
Library and Reading Room 10
Lectures 10
Literary Societies 10
Physical Training 10
Regulations 11
Woman's Department 12
Religious Exercises 12
Expenses 13
Board and Rooms 14
College Aid 14
Free Scholarships 14
The College 15
Terms of Admission 17
Entrance by Certificate 18
Courses of Study 20
Special Students 21
Degrees 21
Teachers' Certificates 21
Outlines of Courses 23
Classical Course 23
Scientific Course 24
Literary Course 24
Departments and Methods of Instruction 27
Philosophy 27
Greek and Latin 28

Pure and Applied Mathematics 30
Chemistry 32
Biology and Geology 33
Modern Languages 35
History and Political Science 36
English Language and Literature 37
Drawing and Painting 39
The Conservatory of Music 41
The Course of Study 43
Diplomas 43
Tuition and other Expenses 44
The Academy 45
Requirements for Admission 47
Reports 47
Examinations 48
Certificates 48
Academy Courses 49
Classical 49
Scientific and Literary 49
College Students 53
Academy Students 54
Students in Conservatory of Music 58
Students in Art 61
Summary 61
Alumni 62

CATALOGUE

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1893—1894

FOREST GROVE, OREGON

PORTLAND, OREGON
GEO. H. HIMES & CO., PRINTERS
1894

1894.

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SEPT.	.....	.....	.....	.....	.....	.....	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	**19**	20	21	22
	23	24	25	26	27	28	29
	30	.....	.....	.....	.....	.....	.....
OCT.	.....	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	.....	.....	.....
NOV.	.....	.....	.....	.....	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	**29**	**30**	.....
DEC.	.....	.....	.....	.....	.....	.....	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	**20**	21	22
	23	24	25	26	27	28	29
	30	31	.....	.....	.....	.....	.....

1895.

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JAN.	.....	.....	1	**2**	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	30	25	26
	27	28	29	30	**31**	.....	.....
FEB.	.....	.....	.....	.....	.....	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	.....	.....
MAR.	.....	.....	.....	.....	.....	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	**29**	30
	31	.....	.....	.....	.....	.....	.....
APRIL.	.....	1	2	**3**	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	.....	.....	.....	.....
MAY.	.....	.....	.....	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	.....
JUNE.	.....	.....	.....	.....	.....	.....	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	**19**	20	21	22
	23	24	25	26	27	28	29
	30	.....	.....	.....	.....	.....	.....
JULY.	.....	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	.....	.....	.....
SEPT.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	**18**	19	20	21
	22	23	24	25	26	27	28
	29	30	.....	.....	.....	.....	.....

CALENDAR.

1894.

Sept.	19, Wednesday.	The Fall Term begins at 10 A.M.
Sept.	21, Friday.....	College Reception.
Nov.	29, Thursday ..	Thanksgiving Recess.
Nov.	30, Friday.....	
Dec.	20, Thursday ..	The Fall Term ends.
Dec.	21, Friday	Christmas Recess.
1895.		
Jan.	1, Tuesday ...	
Jan.	2, Wednesday.	The Winter Term begins at 10 A.M.
Jan.	4, Friday.....	College Reception.
Jan.	31, Thursday ..	Day of Prayer for Colleges.
March	29, Friday.....	The Winter Term ends.
March	30, Saturday ..	Easter Recess.
April	2, Tuesday ...	
April	3, Wednesday.	The Spring Term begins at 10 A.M.
April	5, Friday.....	College Reception.
June	15, Saturday ..	Anniversary of the Conservatory of Music.
June	16, Sunday	Baccalaureate Sermon.
		Address before the College Christian Associations.
June	17, Monday ...	Address before the Literary Societies.
June	18, Tuesday ...	Anniversary Exercises of Tualatin Academy.
		Annual Meeting of the Alumni.
June	19, Wednesday.	Commencement Exercises.
		Corporation Dinner.
		President's Reception.
		Commencement Concert.
Sept.	18, Wednesday.	The Fall Term begins at 10 A.M.

TRUSTEES.

PRES. THOMAS McCLELLAND, D.D., Ex-officio, Forest Grove.
HON. A. HINMAN, PRESIDENT.....Forest Grove.
HON. G. SHINDLER.....Portland.
REV. MYRON EELLS, D.D.....Union City, Wn.
HON. HENRY FAILING.....Portland.
MR. E. M. ATKINSON, B.A.....Portland.
HON. H. W. CORBETT.....Portland.
HON. R. P. BOISE, LL.D.....Salem.
REV. T. E. CLAPP, D.D.....Manch'st'r, N.H.
MR. MILTON W. SMITH, M.A.....Portland.
MR. LORIN H. ANDREWS.....Oregon City.
MR. NAPOLEON DAVIS, M.A.....Portland.
MR. JOHN SOMMERVILLE.....Portland.

FINANCE COMMITTEE.

PRES. THOMAS McCLELLAND,
PROF. JOSEPH W. MARSH,
HON. A. HINMAN,
MR. MILTON W. SMITH.

HON. HENRY FAILING.....TREASURER.
REV. MYRON EELLS.....SECRETARY.
MR. E. M. ATKINSON.....ASSISTANT SECRETARY.
PROF. JOSEPH W. MARSH.....LOCAL TREASURER.

FACULTY AND INSTRUCTORS.

REV. THOMAS McCLELLAND, D.D., PRESIDENT,
Professor of Mental and Moral Philosophy.

JOSEPH WALKER MARSH, PH.D.,
Professor of Greek and Latin, and Librarian.

WILLIAM NELSON FERRIN, M.A.,
Professor of Mathematics.

*THEODORE WHITTELSEY, B.A.,
Professor of Chemistry and Physics.

FRANCIS ERNEST LLOYD, B.A.,
Professor of Biology and Geology.

†JAMES ROOD ROBERTSON, M.A.,
Acting Professor of History.

HELEN AUGUSTA BROOKS, B.L.,
Principal of the Woman's Department and Instructor in English Language and Literature.

REV. HENRY LIBERTY BATES, M.A.,
Principal of Academy.

BURT EARDLEY POWELL, B.S.,
Instructor in the Academy.

MINNIE CATHERINE LANSING,
Instructor in the Academy.

CLARA WHITE COOLEY,
Director of the Conservatory and Instructor in Piano-forte, Organ and Theory.

HARRIET DAY McCLELLAND,
Instructor in Vocal Music.

J. M. GARRISON, M.A.,
Instructor in Penmanship.

*On leave of absence in Germany.
†On leave of absence.

OFFICERS OF THE ASSOCIATE ALUMNI,

1893–4.

PRESIDENT,

MR. NAPOLEON DAVIS, '83 ..... Portland, Or.

VICE-PRESIDENT,

REV. G. W. NELSON, '90 ..... Kalama, Wn.

SECRETARY AND TREASURER,

MISS MARGARET HINMAN, '91 ..... Forest Grove, Or.

GENERAL INFORMATION.

AIM.

Tualatin Academy was founded in 1848, and Pacific University in 1853, in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not dependent for its support upon the tuition paid by its students and consequently the mere number of students in attendance is not regarded as all-important, the Faculty is enabled to maintain thorough standards of scholarship in all grades of study and to offer unusual advantages for advanced work.

LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of upwards of 1,200 inhabitants. It is situated on the Southern Pacific railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location and well-deserved reputation for general good order make Forest Grove a home for students remarkably free from the temptations and dangers often surrounding school life.

BUILDINGS.

The buildings are situated on an ample campus of thirty acres, covered in part with a growth of native firs and oaks, and commanding a fine view of the surrounding mountains.

College and Academy Buildings.—Two plain and substantial buildings of moderate size, each two stories high, afford rooms for library, laboratories, chapel and recitations.

Marsh Memorial Hall.—A new College building is in process of construction, which is to contain the chapel, library and recitation rooms. The trustees have voted that this building shall be a memorial to the late Rev. S. H. Marsh, D. D., the first president of the institution. It is to cost about $50,000 and will be completed during the early part of the coming year.

Science Building.—The present College building is to be remodeled and used for chemical and biological laboratories.

Ladies' Hall.—A large four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and affords table board for a number of young men who room elsewhere.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants. The rooms are heated, and furnished with carpet, study-table, stand, mirror, chairs, woven-wire bed with mattress, lamps, and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The hall is conducted so as to afford a well regulated Christian home for young women coming from out of town.

Young Men's Dormitory.—Young men may obtain com-

fortable rooms at a building which the College has recently fitted up. These rooms will be supplied with bedstead and mattress, washstand, table, chairs and stove. All other necessary furnishings students are expected to provide. The rates for the present year will be found under the head of EXPENSES.

Gymnasium.—The gymnasium is fairly well equipped with apparatus necessary for athletic exercises. During the past year, regular classes in dumb-bells and Indian clubs were organized for both young men and young women.

APPARATUS AND COLLECTIONS.

The Chemical Laboratory has been recently enlarged and is well supplied with apparatus and chemicals needed in the courses in General and Analytical Chemistry. The rooms are supplied with desks and tables with appropriate fixtures, balances, and a set of assaying apparatus.

The Mathematical Department is supplied with a complete set of engineering instruments.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series of ores and other minerals is also accessible to the students for investigation.

An herbarium of about 2,000 species (mostly from this region) belonging to the College, and another of 2,000 Eastern species constitute the collection of plants accessible for study.

Contributions to the library and geological collection are solicited, and may be sent to any member of the Faculty.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the government, are received by telegraph daily and displayed by the University.

LIBRARY AND READING ROOM.

The College Library, now numbering 7,000 volumes, offers excellent facilities for reference and special study, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is very full.

The reading room, which is supplied with a well-selected list of the leading magazines and periodicals, together with a number of religious and secular newspapers of different denominations and parties, is open to all students.

LECTURE COURSE.

During the school year a course of lectures will be delivered before the students of the institution by members of the Faculty and invited speakers. During the past year lectures were delivered in this course by Rev. H. V. Rominger, Hon. Lydell Baker, Mr. Chas. R. Fay, Prin. F. G. Young, and Dr. G. O. Rogers.

LITERARY SOCIETIES.

There are two Student Societies in the institution—the Gamma Sigma for young men, and the Philomathean for young women. Membership in them is voluntary. They meet weekly and are the means of developing and fostering

literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained.

PHYSICAL TRAINING.

The Gymnasium will be thrown open free to all students during certain hours daily.

Exercises in the open air and athletic sports are encouraged, and spacious grounds on the college campus afford excellent opportunities for this kind of physical culture.

REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well disposed, or who are too wayward for home restraint. To such as are earnest, it offers the advantages of a quiet and orderly community, with all the opportunities of study and mental improvement afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor pupils at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

Students are not allowed to room at a hotel or public boarding house, except by special permission of the Faculty. In selecting or changing rooms, students must consult the presiding officer of the department in which they are registered, and young women rooming elsewhere than at Ladies' Hall will be under the supervision of the mistress of the house where they room.

Permission for absence from recitations or from town for a day or longer period, must be obtained in advance, whenever possible, from the head of the department in which the student is registered.

Profanity, the use of intoxicating drinks, gambling, visiting of billiard halls and saloons, attending dancing parties during term-time, and the use of tobacco on or about the College premises, are forbidden.

Students in any department of the institution may not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

In order to insure the time necessary for the preparation of lessons and to encourage habits of method, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 8:45 to 12 A. M.; from 1 to 4 P. M. and from 7:30 to 9 P. M. After May 1, and on Saturdays throughout the year, from 8 to 9 P. M. During these hours and after 9 P. M., students are expected to be in their rooms unless at school exercises or especially excused.

WOMAN'S DEPARTMENT.

The Woman's Department is not a separate school, but young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies, they recite together. The young women of the institution are under the supervision of the principal of the Woman's Department.

RELIGIOUS EXERCISES.

The institution aims to give to its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church service on Sunday morning. The churches of the town represent the following denominations: Baptist, Congregational, Disciples and Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students, and the prayer-meetings, which occur every Tuesday evening, are largely attended.

The work of these societies is very helpful in determining the Christian character of the institution.

EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half term, to the Local Treasurer.

College Tuition, per term.....$15 00
Academy Tuition, per term..... 10 00

Each student pays an incidental fee of one dollar per term.

The charge for one study is one-half the regular rate of tuition. For more than one study full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term may be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that a satisfactory adjustment of them has been made.

BOARD AND ROOMS.

Ladies' Hall.—The price of room rent and board is, for the present, from $3.50 to $4.00 per week, according to location and furnishing of room. Table board for young men, $2.50.

Young Men's Dormitory—The price of room rent for the present year will be twenty-five cents per week for each

occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board may be obtained at a price not to exceed $1.75 per week.

Rooms and board may be obtained in private families in the town at higher rates.

COLLEGE AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or women possessed of good health and a determination to secure a college education, need fail in the attempt.

Free scholarships to a limited number are granted to worthy students, whose circumstances require it, from the funds given for that purpose. Applications for these must be made each term to the President. Sons and daughters of missionaries in actual service, are admitted upon payment of one-half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

CORPORATE NAME.

The corporate name of this institution is, "The President and Trustees of Tualatin Academy and Pacific University."

THE COLLEGE.

TERMS OF ADMISSION.

Candidates for admission to College must be fifteen years of age. A proportionate increase in age is required to enter advanced classes.

For the Course Leading to the Degree of Bachelor of Arts.

1. In English:—Each candidate will be expected to criticise, analyze, and parse specimens of English given at the time of examination. The candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, idiom, and division into paragraphs, and plain and natural in style, on a subject announced at the time of examination. Subjects will be selected from the following works:

For 1894:—Longfellow's Evangeline and Courtship of Miles Standish, Whittier's Snowbound, Lowell's Vision of Sir Launfal, Bryant's Thanatopsis, Irving's Sketch Book, Scott's Lady of the Lake, Emerson's Essays on Self-reliance, American Scholar and Compensation, Shakespeare's Merchant of Venice, or equivalents.

2. In Greek:—(*a*) Grammar, Goodwin's or Crosby's.
   (*b*) Translation of simple English sentences into Greek.
   (*c*) Xenophon's Anabasis, three books, or equivalent.
   (*d*) Translations at sight of passages from easy Greek prose.

3. In Latin:—(*a*) Grammar, Allen & Greenough's, Harkness' or Andrews and Stoddard's.
   (*b*) Translation of easy sentences into Latin prose.
   (*c*) Cæsar's Gallic War, three books, or equivalent.
   (*d*) Four orations of Cicero, or equivalent.
   (*e*) Vergil's Æneid, four books, or equivalent.
   (*f*) Translation at sight of passages from easy Latin prose.

4. In Mathematics:—(*a*) Arithmetic, including the metric system.
   (*b*) Algebra, through quadratic equations.
   (*c*) Plane and Solid Geometry.

5. In History:—(*a*) U. S. History, leading facts.
   (*b*) History of Greece, leading facts.
   (*c*) History of Rome, leading facts.
   (*d*) Outline of Greek and Roman Mythology.

6. Geography:—(*a*) Modern.
   (*b*) Outline of Ancient.

For the Courses Leading to the Degrees of Bachelor of Science and Bachelor of Literature.

In English, Latin and Mathematics the requirements are the same as for the course leading to the Degree of Bachelor of Arts. Candidates for admission to this course need not offer Greek, in place of which they will be examined in the following subjects:

In French:—(*a*) Some proficiency in pronunciation.
   (*b*) A knowledge of the regular and irregular verbs.
   (*c*) Such a degree of facility in translation that Télémaque or Racine may be read with comparative ease.
   (*d*) Some acquaintance with the history of the literature.

2. In Elementary Science:—(*a*) Astronomy.
(*b*) Natural Philosophy.

ENTRANCE BY CERTIFICATE.

Students who have pursued a course of study equivalent to one of those described in Tualatin Academy, may, by special vote of the Faculty, be admitted to Pacific University on the certificate of the preparatory schools. Schools which desire to have their students thus admitted are requested to send to the Secretary of the Faculty their courses of study. All certificates should, if possible, be sent before Commencement.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

COURSES OF STUDY.

The courses of study as here outlined were adopted by vote of the Faculty in May, 1891. The elective system, which has proved so successful in other Colleges, has been introduced, and in this and other respects it will be seen that the courses are in accord with the approved ideas of higher education.

It is believed that the prescribed studies will furnish the frame-work of a liberal education, at the same time affording the student such knowledge of his individual tastes and of the various departments of study as will guide him in an intelligent choice from the elective courses.

1. Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English and the introductory study of the Sciences through the Freshman and Sophomore years, are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required to so choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. For list of elective courses see pp. 24-25.

2. Candidates for the degree of Bachelor of Science will have the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the

place of Greek will be taken by Analytical Geometry, Calculus, and advanced work in Chemistry and Biology.

3. The course leading to the degree of Bachelor of Literature is a short course designed for women who do not wish to pursue the study of Greek, Higher Mathematics, or advanced Science. The other required work and the elective courses are the same as for the degree of Bachelor of Arts.

SPECIAL STUDENTS.

In the arrangement of the courses, the established fact is recognized that fixed schemes of study must be maintained in the interests of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of $5.00 for the Collegiate Diploma.

Any Bachelor of Arts wishing to receive the degree of Master of Arts in course, is required to furnish to the Trustees evidence of continued interest and progress in professional or literary pursuits, by presenting either a written

thesis, or a public oration, before receiving the degree, the subject of the same to be presented to the President at the time of applying for the degree.

TEACHER'S CERTIFICATES.

In accordance with the law approved February 20, 1891, the State Board of Education has determined that any person receiving a literary degree, in course, from this institution shall be entitled to receive a State Diploma after having passed an approved examination in the following branches: Bookkeeping, Composition, Physical Geography, Algebra, English Literature, Oregon School Laws, General History, and Theory and Practice of Teaching. This examination will be held under the direction of a member of the Faculty at the end of each college year. A State Life Diploma will be granted to such holders of State Diplomas after six years of successful teaching.

OUTLINE OF COURSES.

CLASSICAL COURSE

Leading to the Degree of Bachelor of Arts.

Freshman Year,

FALL TERM—Livy, 4†; Algebra, 5; Herodotus, 5; Rhetoric, 1.

WINTER TERM—Tacitus, 5; Trigonometry, 4; Homer, 5; Rhetoric, 1.

SPRING TERM—Horace, 4; Engineering or American Literature, 5; Thucydides, 5; Rhetoric, 1.

Sophomore Year,

FALL TERM—General Biology, 5; History, 3; English Literature, 2; Sophocles, 5.

WINTER TERM—Physiology, 5; History, 3; English Literature, 2; Terence ($\frac{1}{2}$), 5; Quintilian ($\frac{1}{2}$), 5.

SPRING TERM—General Chemistry, 5; History, 3; English Literature, 2; Plato, 3; Botany, 2.

Junior Year,

FALL TERM—Mechanics, 5; German, 5; Elective, 5.

WINTER TERM—Physics, 5; German, 5; Elective, 5.

SPRING TERM—Astronomy, 5; German, 5; Elective, 5.

Senior Year,

FALL TERM—Political Economy, 3; Logic, 3; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy, 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Elective, 5.

†The numerals indicate the number of exercises per week in each subject.

SCIENTIFIC COURSE

Leading to the Degree of Bachelor of Science.

Freshman Year,

FALL TERM—Livy, 4; Algebra, 5; History, 3; English Literature, 2; Rhetoric, 1.

WINTER TERM—Tacitus, 5; Trigonometry, 4; History, 3; English Literature, 2; Rhetoric, 1.

SPRING TERM—Horace, 4; Engineering, 5; History, 3; English Literature, 2; Rhetoric, 1.

Sophomore Year,

FALL TERM—General Biology, 5; German, 5; Analytical Geometry, 5.

WINTER TERM—Physiology, 5; German, 5; Calculus, 5.

SPRING TERM—General Chemistry, 5; German, 5; Calculus, 3; Botany, 2.

Junior Year,

FALL TERM—Mechanics, 5; Chemistry (Qualitative Analysis), 3; Biology, 2; Elective, 5.

WINTER TERM—Physics. 5; Chemistry (Qualitative Analysis), 3; Biology, 2; Elective, 5.

SPRING TERM—Astronomy, 5; Organic Chemistry, 3; Biology, 2; Elective, 5,

Senior Year,

FALL TERM—Political Economy, 3; Logic, 3; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy, 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Elective, 5.

LITERARY COURSE

Leading to the Degree of Bachelor of Literature.

First Year,

FALL TERM—Livy, 1; Algebra, 5; History, 3; English Literture, 2; Rhetoric, 1.

WINTER TERM—Tacitus, 5 ; Trigonometry, 4; History, 3; English Literature, 2; Rhetoric, 1.

SPRING TERM—Horace, 4; American Literature, 5; History, 3; English Literature, 2; Rhetoric, 1.

Second Year,

FALL TERM—General Biology, 5; German, 5; Elective, 5.

WINTER TERM—Physiology, 5; German, 5; Elective, 5.

SPRING TERM—General Chemistry, 5; German, 5; Botany, 2; Elective, 3.

Third Year,

FALL TERM—Political Economy, 3; Logic, 3; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Electives, 5.

NOTE.—Essays or orations will be required throughout each course.

ELECTIVES.

Students in the last two years in College are required to so elect from the following courses as to bring their total work up to fifteen exercises per week. A detailed description of the courses will be found under the respective departments on pages 19-20.

Latin, 2; Greek, 3; French, 3; English Literature, 2; History, 2; Mathematics, 5; Chemistry (Junior), 3; Chemistry (Senior), 2; Biology (Junior), 2; Biology (Senior), 3; Psychology (Spring term), 3; Philosophy (Spring term), 2.

It is assumed that the choice of electives will be made by the students with reference to some clear, deliberate plan and as a result of consultation with the President. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him. It is generally desirable that subjects be elected to run through the entire year. Electing by

terms, however, will for the present be allowed to a limited extent; but in every case an elective course extending over more than a term must be pursued for the full time.

The Faculty reserves the right to withdraw any elective, if it be not chosen by a sufficient number of students to constitute a class.

An exercise usually occupies an hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The courses in History and English Literature may be made to count as three hour electives by additional work outside the class room. The course in French, although coming five times per week, will count as a three hour elective.

DEPARTMENTS AND METHODS OF INSTRUCTION.

PHILOSOPHY.

PRESIDENT McCLELLAND.

Psychology.—The principles of this subject are taught by means of text-books and lectures. Essays are required upon appointed themes, and a course of select reading is marked and required. Porter's Elements of Intellectual Science. Senior required course. Five hours per week during the Winter term.

Physiological Psychology.— More particular attention is paid in this course to mental phenomena from the experimental and physiological point of view than is possible in the prescribed course. Ladd's Outlines of Physiological Psychology will be made the basis of this work, the Elements of Physiological Psychology, by the same author, being used as a book of reference. Senior elective course. Three hours per week during the Spring term.

Introduction to Philosophy.—It is the object of this course to give a general view of the development of philosophy. This is attempted in an outline course of lectures, Ueberweg's and Schwegler's Histories of Philosophy being used for reference. Senior required course. One hour per week during the Winter term.

Philosophy.—This course consists of reading and discussions on special topics relating to the development of the philosophy of Europe during the seventeenth century.

Senior elective course. Two hours per week during the Spring term.

Evidences of Christianity.—This subject is taught by text-book, due consideration being paid to the current phases of thought. Wright's Logic of Christian Evidences, Fisher's Manual of Christian Evidences. Senior required course. Four hours per week during the Fall term.

Ethics.—In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. Hopkins' Law of Love and Love as a Law, Fairchild's Moral Philosophy. Senior required course. Five hours per week during the Spring term.

Logic.—Jevons' Logic, as recast by Hill, is the text-book used in this course. Frequent exercises in argumentation and the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Senior required course. Three hours per week during the Fall term.

LATIN AND GREEK.

PROFESSOR MARSH.

While in the earlier part of the courses a thorough grammatical review is required, the courses are conducted chiefly with the purpose of securing breadth of view, keenness of insight, and power of expression by familiarity with an appreciation of Greek and Latin literature. Frequent reference is made to late discoveries and investigations.

Livy.—Book XXI. Besides the history of the period special attention is here paid to Roman antiquities. Freshman required course. Four hours per week during the Fall term.

Tacitus.—Germania and Agricola. Freshman required course. Five hours per week during the Winter term.

Horace.—Selected Odes and Satires. Ars Poetica. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Freshman required course. Four hours per week during the Spring term.

Terence.—Andria. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

Quintilian.—Selections from Institutiones Oratoriæ are read, which present some of the leading principles of Rhetoric. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

Cicero.—De Amicitia, De Officiis, De Oratore. Elective course. Two hours per week throughout the year.

Greek and Latin Testaments. — One hour per week throughout the College course, those in the Classical course reading in Westcott and Hort's Greek Testament, and those in the other courses using the Latin. The use of the two languages in the same class affords an opportunity for comparative study to students in all courses. In their Freshman and Sophomore years selections from the Gospels and the Acts are read; in their Junior and Senior years from the Epistles.

Herodotus.—Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. The study of Greek literature is taken up as outlined in Botta's Universal Literature. Required for Freshmen in the classical course. Five hours per week during Fall term.

Homer.—Two or more books of the Iliad. Required course for Freshman in the classical course. Five hours per week during Winter term.

Thucydides.—Selections. Required for Freshmen in the classical course. Five hours per week during Spring term.

Sophocles.—Antigone. The study of the Greek drama is taken up by lectures and collateral readings. Required for Sophomores in the classical course. Five hours per week during the Fall term.

Plato.—Apology and Phædo. The study of Greek Philosophy is taken up to some extent in connection with this course. Required for Sophomores in the Classical course. Three hours per week during the Spring term.

Plato.—A further study of Plato's writings and of Greek Philosophy than is possible in the required course is undertaken in this course, which is olective for Juniors and Seniors. Three hours per week during the Winter term.

Æschylus.—Prometheus Bound. Elective for Juniors and Seniors. Three hours per week during the Fall term.

Demosthenes.—De Corona. Elective for Juniors and Seniors. Three hours per week during the Spring term.

PURE AND APPLIED MATHEMATICS.

PROFESSOR FERRIN.

Instruction in this department is conducted with the purpose: (1) to cultivate in the student habits of clear and exact thinking and logical reasoning, together with the ability to state clearly and precisely his own convictions, and the grounds of them; (2) to present the fundamental relations of number and space, and the most suitable methods of applying them to the discussion of scientific and practical questions.

Higher Algebra.—Beginning with a rapid review of Quadratics, the work in this subject is carried as far as the capacity of the class will permit. Freshman required course. Five hours per week during the Fall term.

Trigonometry, Plane and Spherical.—Due attention is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. Freshman required course. Four hours per week during Winter term.

Engineering.—This course consists largely of field-work and is designed to teach the use of the transit, level and other instruments used in plane surveying and railroad engineering. Required for Freshmen in the Scientific course. Optional with American Literature for Freshmen in the Classical course. Five exercises per week during the Spring term.

Analytical Geometry.—Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the Fall term.

Calculus.—The infinitesimal method is used in the treatment of this subject. Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the Winter term and three hours per week during the Spring term.

Mechanics.—Text book, Olmsted's Revised College Philosophy. Junior required course. Five hours per week during the Fall term.

Physics.—This course consists of a mathematical treatment of the different branches of Physics, the work being supplemented by lectures and the use of illustrative apparatus. Text book, Olmsted's Revised College Philosophy. Junior required course. Five hours per week during the winter term.

Astronomy.—Special attention is given to establishing the mathematical principles of the science and to teaching the methods of computation in most general use in practical Astronomy. Text book, Olmsted's Revised College Astronomy. Junior required course. Five hours per week during the Spring term.

CHEMISTRY.

PROFESSOR WHITTELSEY.

The chief instruction in the courses in Chemistry is given in the laboratory. This is supplemented by lectures and recitations. The books mentioned below are used as guides merely, the instruction in no case being confined to what is there presented. Laboratory fees, payable in advance, are charged to cover cost of chemicals used. Reference books: Richter's Inorganic Chemistry; Roscoe's Ele-

mentary Chemistry; Bloxam & Huntington's Metals; Remsen's Organic Chemistry; Richter's Organic Chemistry; Qualitative Analysis, Fresenius, Harris, Thorpe & Muir; Quantitative Analysis, Fresenius, Thorpe, Classen, Sutton, Mears.

General Chemistry.—This course aims to teach the principles of the science in connection with the study of the non-metallic elements. Instruction is given by lectures and recitations, and in the laboratory where one-third of the time is spent. Sophomore required course. Five exercises per week during the Spring term. Laboratory fee, $2.00.

Qualitative Analysis.—This course consists chiefly of practical work in the laboratory. An experimental knowledge of the reactions of the more common metals and acids is first acquired, after which single and mixed substances are presented the student for identification, a gradual advance being made from simple to complex compounds. The laboratory work is supplemented by lectures on the metals and their compounds, and on the applications of Chemistry to the arts and industries. Required for Juniors in the Scientific course. Elective for other students. Three exercises (nine hours) per week during the Fall and Winter terms. Laboratory fee, $5.00 per term.

Organic Chemistry.—Lectures on the compounds of carbon. Required for Juniors in the Scientific course. Elective for other students. Three hours per week during the Spring term.

Quantitative Analysis.—This course is devoted to typical gravimetric and volumetric determinations in the laboratory, with a study of the chemistry of the operations involved.

Senior Elective course. Two exercises (six hours) per week during the Senior year. Laboratory fee, $5.00 per term.

BIOLOGY AND GEOLOGY.

PROFESSOR LLOYD.

The courses in this department are conducted by means of lectures together with work in the laboratory. The student is required to embody in drawings the results of his laboratory observations. When desirable and practicable, field excursions are taken. Text books are used as guides in laboratory work, and a departmental library contains a number of reference books in German and English.

General Biology.—This course is given by lectures and laboratory work consisting of the dissection of a plant, an invertebrate and a vertebrate animal, and recitations thereon. Sedgwick and Wilson's General Biology. Sophomore required course. Five hours per week during the Fall term. Laboratory fee, $2.00.

Botany.—The work in this course consists of the microscopic study of various types of plant life, from the lowest to the highest, together with field work and instruction in the preservation and preparation of plant tissues and herbarium specimens. Bennett and Murray's Cryptogamic Botany, Macloskie's Elementary Botany.

Comparative Anatomy.—(*a*) Invertebrates: Huxley's Anatomy of Invertebrate Animals, Brooks' Hand-Book of Invertebrate Zoology. Required for Juniors in the Scientific course. Elective for other students. Two exercises (six hours) per week during the Fall term. Laboratory fee, $5.00.

(*b*) Vertebrates: Parker's Zootomy, Wiedersheim's Comparative Anatomy of the Vertebrates. Required for Juniors in the Scientific course. Elective for other students. Two exercises (six hours) per week during the Winter and Spring terms. Laboratory fee, $5.00 per term. These courses consist of lectures on Comparative Anatomy and the dissection in the laboratory of certain invertebrate and vertebrate types. Close and accurate observation and careful reproduction in drawing of dissections form the chief part of the work.

Histology.—The tissues of various vertebrate animals are studied comparatively, and the student attains some degree of skill in the preparation of animal tissues and in microscopic technique. The course is amplified by lectures and frequent quizzes are held. Wiedersheim's Comparative Anatomy of Vertebrates. Senior Elective course. Three exercises (six hours) per week during the Fall and Winter terms. Laboratory fee, $5.00 per term.

Embryology.—The student is instructed in methods of embryological research, the development of the chick being studied. The students preserve and prepare their own specimens. Lectures on Comparative Embryology, Haddon's Embryology, Balfour's Comparative Embryology. Senior Elective course. Three exercises (six hours) per week during the Spring term. Laboratory fee, $3.00.

Physiology.—Lectures and recitations. The dissection of a mammal in the laboratory is required from each student. Martin's The Human Body. Sophomore required course. Five exercises per week during the Winter term.

Geology.—In addition to the lectures and recitations in

this course, the students are required to study fossils and rock forms from specimens in the collections. Several excursions to points of interest near by are made to teach the student to observe the action of geological agencies. Geikie's Geology. Senior required course. Five exercises per week during the Spring term.

MODERN LANGUAGES.

PROFESSORS MARSH AND LLOYD.

French.—Keetels' French Grammar and Reader. Selections from Fenelon's Télémaque. Racine's Andromaque or Athalie. Elective for students in the Classical course. Four exercises per week throughout the year.

German.—Whitney's Brief German Grammar. Selections from Grimm's Kinder-und Hausmarchen. Schiller's Taucher, and Der Neffe als Onkel. Riehl's Der Fluch der Schoenheit. Selections from Heine and Goethe. Required for Juniors in the Classical course and Sophomores in the Scientific course. Five hours per week throughout the year.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR ROBERTSON.

The study of History is conducted, not only with the purpose of giving the student a knowledge of facts in their sequence, but also to cultivate the reasoning powers by studying these facts under the laws of cause and effect. In all the courses special emphasis is laid upon the careful keeping of note-books, the making of outlines, and the constant use of an historical atlas.

History of Modern Europe.—This course consists of lectures and is intended to give the student a general knowledge of European history from the fifteenth to the nineteenth centuries, inclusive. Attention is paid to the broad movements with their causes and effects rather than to details. Supplementary reading with reports upon the same in the class-room is required. Reference books, Ploetz' Epitome of Universal History, Fisher's Outlines of Universal History, Lodge's Modern Europe, Mueller's Political History of Modern Times, Guizot's History of Civilization. Putzger's Historial Atlas. Required course for Sophomores in the Classical course and for Freshmen in the other courses. Three exercises per week throughout the year.

American History.—This course consists of lectures and collateral reading upon some period of American history. A short time at the close is given to the study of some topic connected with local history in Oregon, Washington, or California. Reference books, Von Holtz' Constitutional History of the United States, Bancroft's History of the United States, Fiske's American History series, American Statesman series, American Commonwealth series, Johnson's American Politics. Junior elective course. Two exercises per week during the Fall and Winter terms.

Comparative Constitutional History.—This course consists of lectures upon the constitutions of England, France, Germany, Switzerland and the United States, bringing out in comparative form the leading features of each. Reference book, Woodrow Wilson's The State. Junior elective course. Two exercises per week during the Spring term.

Political Economy.—This subject is taught by means of

text-books, lectures, collateral reading and essays. Senior required course. Three exercises per week during the Fall term, and four exercises per week during the Winter term.

ENGLISH LANGUAGE AND LITERATURE.

MISS BROOKS.

It is the object of this work to bring the student in touch with the best works of the English authors, and to give him facility in the use of the language. The courses are conducted by means of lectures, direct reading of authors, and special papers on assigned topics. Reference books, Stopford Brooke's English Literature Primer, Gosse's English Literature, Ward's English Poets, Schlegel's Dramatic Literature, Minto's Manual of English Prose Literature, Minto's English Poets, Hale's Longer English Poems, Johnson's Lives of the Poets (edited by Matthew Arnold), Spenser's Faery Queen and Chaucer's Prologue (Clarendon Press), Hudson's edition of Shakespeare, Rolfe's edition of Shakespeare.

Rhetoric.—(*a*) Work upon special topics will be assigned. In the class-room drill will be had in the writing of descriptions, narratives and sketches. A study of selections from the best English and American authors will accompany this work. Text books: Genung's Rhetoric and Hand-book of Rhetorical Analysis. Freshman required course. One exercise per week throughout the year.

(*b*) The subject for Rhetorical work in the Sophomore year will be the Essay, in the Junior year, Argumentation, and in the Senior year, the Oration. One exercise each year is required.

Outline of English Literature.—Required course for Sophomores in the Classical course and Freshman in the other courses. Two exercises per week during the Fall term.

English Prose Writers.—Required course for Sophomores in the Classical course and Freshman in the other courses. Two exercises per week during the Winter term.

English Poets and Poetry.—Required course for Sophomores in the Classical course and Freshmen in the other courses. Two exercises per week during the Spring term.

American Literature.—This course will include a brief survey of the literature of the eighteenth and nineteenth centuries, together with selected readings from the best American poets and prose writers. Freshman course, required for students in the Literary course, optional with Engineering for students in the Classical course. Five exercises per week during the Spring term.

Development of the Drama.—In this course the study of Shakespeare occupies a large portion of the time. Elective course. Two exercises per week during the Fall term.

Chaucer, Spenser and Milton.—Elective course. Two exercises per week during the Winter term.

Nineteenth Century Authors.—Elective course. Two exercises per week during the Spring term.

DRAWING AND PAINTING.

Pupils who have the time and inclination have an opportunity to take private lessons in drawing and painting at reasonable terms with an experienced teacher who is connected with the College.

THE CONSERVATORY OF MUSIC.

The Musical Department is under the same general management as the other departments, and is under the immediate charge of the Director of the Conservatory and assistant teachers. Non-resident students are subjected to the same regulations as students of other departments.

The Conservatory unites with the other departments in observing the holidays mentioned in the calendar.

THE COURSE OF STUDY

Is planned with regard to the thorough and symmetrical development of the musical faculties. It includes a thorough course in Harmony and Theory, including Counterpoint, Analysis and Music History, and provides for the acquirement of a high degree of proficiency in two of the following branches: Piano-Forte, Singing and Organ.

The time necessary for the completion of the course cannot be definitely given, as it depends on the age and previous training, ability and application of the pupil. Very few will be able to obtain the degree of proficiency required in less than four years.

Public and private recitals, including historical, biographical and miscellaneous programmes, are frequently given.

DIPLOMAS

Are awarded by the Trustees of the University to students who have satisfactorily completed the Conservatory course.

A choral class for beginners will be formed, for which a nominal fee will be charged. Those sufficiently advanced will have an opportunity to join the choir or the Musical Union, where the highest order of sacred and secular music is used.

Pupils may make special arrangements with the Director for hours of piano practice.

Those who do not wish to purchase music may have access to the Music Library by the payment of a small fee.

TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (piano or organ) per term of 24 lessons (one-half hour each)..... $15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each)..... 15 00
Class Lessons (two in a class) of three-quarters of an hour each..... 10 00
Harmony, per term..... 5 00
Rent of Piano, for two hours practice per day, per month..... $1 00–2 00
Rent of Music from Musical Library, per term, from..... 75c to 1 50

THE ACADEMY.

Is under the immediate charge of the Principal and his assistants. The College Faculty have general direction respecting the courses of study and discipline.

PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the Classical, Scientific and Literary courses of the College, and at the same time offers special opportunities for those desiring thorough training in the common

ENGLISH BRANCHES.

All the facilities of the University in the way of libraries, lectures, etc., will be opened to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the English studies of the sub-preparatory year. For admission to advanced standing the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

REPORTS.

A record of the work of each pupil is kept, and at the close of each term a report is sent to the parent or guardian.

EXAMINATIONS

Are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the clsss, unless such work is made up in one term.

CFRTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to the corresponding courses in College.

For information concerning expenses, study hours, regulations, see pages 7–15.

ACADEMY COURSES.

Sub-Preparatory Year,

FALL TERM—Arithmetic, Grammar, Geography, Reading and Spelling.

WINTER TERM—Arithmetic, Grammar, Geography, Reading and Spelling.

SPRING TERM—Arithmetic, Grammar, Physical Geography, Reading and Spelling.

CLASSICAL.

First Year,

FALL TERM—Latin, 5; English, 3; Mental Arithmetic, 5; History, 2.

WINTER TERM—Latin, 5; English, 3; Physiology or Bookkeeping, 5; History, 2.

SPRING TERM—Latin, 5; English, 5; History, 5.

Second Year,

FALL TERM—Caesar, 4; Algebra, 5; Greek, 4; History, 1; English, 1.

WINTER TERM—Caesar, 4; Algebra, 5; Greek, 4; History, 1; English, 1.

SPRING TERM—Cicero, 4; Algebra, 5; Greek, 4; History, 1; English, 1.

Third Year,

FALL TERM—Cicero, 4; Plane Geometry, 4; Greek, 5; English, 1; History, 1.

WINTER TERM—Vergil, 5; Plane Geometry, 4; Greek, 5; English, 1.

SPRING TERM—Vergil, 5; Solid Geometry, 4; Greek, 5; English, 1.

SCIENTIFIC AND LITERARY.

First Year,

FALL TERM—Latin, 5; English, 3; Mental Arithmetic, 5; History, 2.

WINTER TERM—Latin, 5; English, 3; Physiology or Bookkeeping, 5; History, 2.

SPRING TERM—Latin, 5; English, 5; History, 5.

Second Year,

FALL TERM—Caesar, 4; Algebra, 5; French, 4; History, 1; English, 1.

WINTER TERM—Caesar, 4; Algebra, 5; French, 4; History, 1; English, 1.

SPRING TERM—Cicero, 4; Algebra, 5; French, 4; History, 1; English, 1.

Third Year,

FALL TERM—Cicero, 4; Plane Geometry, 4; Physical Geography, 5; English, 1; History, 1.

WINTER TERM—Vergil, 5; Plane Geometry, 4; Natural Philosophy, 5; English, 1.

SPRING TERM—Vergil, 5; Solid Geometry, 4; Elementary Astronomy, 5; English, 1.

(Rhetorical work and Bible study throughout both Courses.)

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

Latin and Greek.—The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading three books of Cæsar, four orations of Cicero, four books of Vergil's Æneid, and three books of Xenophon's Anabasis, accompanied by more advanced work in Grammar and by

Prose Composition. During the last two terms of the course, one hour a week is devoted to Roman Literature.

Text Books.—Collar & Daniel's Latin Book for Beginners, Allen & Greenough's Latin Grammar, Allen & Greenough's Preparatory Course in Latin Prose, any good edition of Vergil, Goodwin's Greek Grammar, Goodwin's Greek Selections, White's Greek Book for Beginners, Botta's Hand-book of Universal Literature.

French.—The study of French extends throughout a year. There are first acquired some proficiency in pronunciation, and a knowledge of the regular forms and of the irregular verbs, after which the time is chiefly devoted to reading.

Text-books.— Keetels' French Grammar and Reader, Fenelon's Télémaque, Racine's Andromaque or Athalie.

Mathematics.—Three terms in the second year are given to the study of Algebra. The work of the first term is to Fractions; of the second, to Involution, and of the third, to Theory of Quadratics.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text Books.—Wells' Academic Algebra; Chauvenet's Plane and Solid Geometry.

Science.—Elementary courses are given in Physical Geography, Physiology, Natural Philosophy and Astronomy.

Text Books.—Houston's Physical Geography, Walker's Physiology, Avery's First Principles of Natural Philosophy, Young's Lessons in Astronomy.

English.—In the sub-preparatory year of the Academy, three terms are given to the study of English Grammar. This includes Etymology, Syntax and Analysis. For the three years of the Academy course, together with practical work in Composition, selections from the best American and English authors are studied.

Text-books.—Marsh's Outlines of Grammar, Lockwood's Lessons in English, Newcomer's English Composition, Riverside Series—Longfellow's Evangeline, Longfellow's Courtship of Miles Standish, Whittier's Snowbound, Lowell's Vision of Sir Launfal, Bryant's Thanatopsis, Selections from Sketch Book, Scott's Lady of the Lake, Emerson's Self-reliance, Emerson's American Scholar, Emerson's Compensation, and Shaksepeare's Merchant of Venice.

History.—United States History is studied during the three terms of the first year, and Greek and Roman History once a week during the three terms of the second year and the first term of the third year.

Text and reference books.—Studies in American History by Sheldon Barnes, Johnston's U. S. History, Montgomery's Leading Facts in American History, Myers' Ancient History, Sheldon Barnes' Greek and Roman History, and others.

Bookkeeping is made optional with Physiology in the second term of the first year. It is given to meet the wants of pupils who need this study and at the same time wish a more thorough general course than can be secured at a business college.

Text Books.—New Bryant & Stratton's Common School Bookkeeping, Clark's Commercial Law.

Common English Branches.—During the sub-preparatory

year and the first term of the first year of Academy courses, thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling and Penmanship.

Text Books.—Fish's Arithmetic No. 2, Brooks' Mental Arithmetic, Monteith's Comprehensive Geography, Westlake's 3,000 Test Words, Watson's Complete Speller, Marsh's Brief Outline of English Grammar.

Bible Study.—The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The Old Testament is the subject of the first two years' study and the New Testament of that of the last two years.

COLLEGE STUDENTS.

1893-1894.

SENIORS.

Adams, Thomas Hays,.....C....Kalama, Wn.
Craig, Austin .....L....Corvallis.
Smith, Fred. Ross .....C....Forest Grove.

JUNIORS.

Shiach, William Sidney.....C....Kirkland, Wn.

SOPHOMORES.

Bisbee, Ruel Martin.....S....Forest Grove.
Macrum, John Wilson.....S....Forest Grove.
McKercher, Florence.....C....Portland.
Stewart, Emma Estelle.....C....Forest Grove.
Tongue, Edmund Burke.....S....Hillsboro.

FRESHMEN.

Bailey, John Woodson.....C....Hillsboro.
Bauer, Philip Edward.....S....Tualatin.
Curtis, Winterton Conway.....S....The Dalles.
Eells, Ida Myra.....C....Tacoma, Wn.
Marsh, Fred. Leonard.....C....Forest Grove.
Warren, Minnie Belle.....L....Hillsboro.

SPECIAL.

Anderson, Mary Valentine.....Portland.
West, Mary Lyman.....Skipanon.
Naylor, Edward L.....Forest Grove.

NOTE.—C, Classical Course. S, Scientific Course. L, Literary Course.

ACADEMY STUDENTS,

1893—1894.

THIRD YEAR.

Bradley, Charles Edward.....S....Greenville.
Buchanan, Charles Burkhart.....C....Cornelius.
Hardie, Lillian Elizabeth.....L....Brower.
Hartley, Harvey.....C....Greenville.
Hirota, Ichiro.....S....Kochi, Japan.
Luce, Edward Condon.....C....Hillsboro.
Myers, Frank Stott.....S....Forest Grove.
Robbins, Marcus Whitehead .....S....Springfield, Wn.
Thomas, Arthur Henry.....S....Forest Grove.

SECOND YEAR.

Baber, Liverne Hayward.....Forest Grove.
Beal, John Benjamin .....Forest Grove.
Beal, Ora May .....Forest Grove.
Brown, Liberta .....Forest Grove.
Bursell, Lewis Isaac .....Silverton.
Collins, William D.....Seal Rock.
Cox, Helena D.....Forest Grove.
Garrison, Blanche Louise .....Forest Grove.
Gates, Oliver B.....Hillsboro.
Gleason, Lorena .....Forest Grove.
Gordon, Emma Sue.....Forest Grove.
Hamer, Walter Roland .....Forest Grove.
Harris, Clyde Clinton .....Forest Grove.
Hartley, Clarence.....Greenville.
Haskell, George Lemuel .....Zanesville.
Kirkwood, Joseph Edward .....Pebble.

Lieser, Minnie May ..... Vancouver, Wn.
Luce, Mary ..... Hillsboro.
Marsh, Winifred ..... Forest Grove.
Merryman, John Adrian ..... Hillsboro.
Miller, John ..... Forest Grove.
Myers, Katherine Stott ..... Forest Grove.
Robb, James ..... Forest Grove.
Severance, Egbert DeForest ..... Tillamook.
Sorensen, Anna Martha ..... Forest Grove.
Streeter, Grace Ethel ..... Portland.
Thompson, Laura ..... Tualatin.
Thorp, Bessie Mabel ..... Forest Grove.
Tongue, Bertha R. ..... Hillsboro.
Turpen, Edward S. ..... Empire City.

FIRST YEAR.

Alley, Ghym B. ..... Nehalem.
Anderson, Edward ..... Forest Grove.
Armitage, Effie Margaret ..... Ashland.
Boyd, William ..... Dilley.
Brady, Alexander ..... Yaquina.
Burbank, Ifa ..... Beaverton.
Burt, Roy ..... Hillsboro.
Buxton, Harry Edward ..... Forest Grove.
Buxton, Philmore Henry ..... Buxton.
Christian, Alice Victoria ..... Forest Grove.
Clark, Mary A. ..... Forest Grove.
Clark, Nettie L. ..... Forest Grove.
Collins, John Harmon ..... Castle Rock, Wn
Connell, John Wesley ..... Glencoe.
Cox, Rosamond ..... Forest Grove.
Downing, Daisy ..... Condon.

Edwards, Florence B.....Forest Grove.
Eells, Edwin Fayette.....Union City, Wn.
Ennes, Samuel Jefferson.....Hillsboro.
Ewing, Jane Helen.....Fulton Park.
Fletcher, William Thomas.....Gales Creek.
Freeman, Ina.....Forest Grove.
Gammie, Jennie.....Forest Grove.
Garlington, Osa Clark.....Hillsboro.
Garlington, Nellie.....Hillsboro.
Griggs, Stephen E.....Snohomish, Wn.
Hale, John Vite.....Hillsboro.
Hallett, C. H.....Portland.
Hardie, Taylor Joseph.....Brower.
Hinman, Mabel.....Forest Grove.
James, Blanche.....Hillsboro.
Jones, Gladys Mwynwen.....Oswego.
Jones, Gwilym Mawddwy.....Oswego.
Johnston, Bert Artemus.....Gaston.
Kane, Fred.....Forest Grove.
Lancefield, Lynn.....Forest Grove.
Lancefield, Jessie.....Forest Grove.
Luelling, Fred Ward.....Forest Grove.
McClure, Earle Byers.....Portland.
McEldowney, Wilbur Wait.....Amity.
Marsh, Gertrude Emily.....Forest Grove.
Mastin, John Adair.....Portland.
Merryman, George.....Hillsboro.
Munson, Mark Cooper.....Roseburg.
Newberry, James.....Nehalem.
Newberry, Pearl Minnie.....Nehalem.
Parman, Ethel.....Condon.
Patterson, Benjamin Robert.....Heppner.

Pratt, Ross Hanna.....Forest Grove.
Pratt, Alice Rowena.....Forest Grove,
Rands, Ernest .....Oregon City.
Schoch, Alfred Deihl.....Forest Grove.
Smith, Berta.....Forest Grove.
Smith, Nora .....Forest Grove.
Sweek, Thaddeus.....Portland.
Thompkins, Daniel Dean .....Oregon City.
Thompkins, Emily Elizabeth .....Oregon City.
Tongue, Thomas H. .....Hillsboro.
Walker, Jeremiah,.....Oxford, Wn.
Walker, Elda .....Forest Grove.
Walker, Leva.....Forest Grove.
Whitlock, Edward Rutherford.....Oregon City.
Williams, Robert Edward .....Independence.
Wirtz, Robert.....Forest Grove.

SUB-PREPARATORY.

Alley, Mary .....Nehalem.
Boyles, Henry M.....Wilhoit.
Bryant, Archibald.....Forest Grove.
Campbell, Roy.....Copalis, Wn.
Caples, John V. .....Forest Grove.
Caven, Nathaniel Daniel.....Fossil.
Downing, John Manley.....Condon.
Eells, Arthur Heman .....Union City, Wn.
Hartung, Bessie.....Hailey, Idaho.
Howell, Clarence .....Albany.
Hughes, Grace.....Forest Grove.
Jones, Trevelyan Albert .....Forest Grove
Kay, Ida .....Mount Tabor.
Kantner, Clifford.....Corvallis.

Luce, Sydney.....Hillsboro.
Myers, Robert Elgin.....Condon.
Pollock, William.....Cornelius.
Porter, Fred Wait.....Gaston.
Priest, Edwin.....Hubbard.
Richardson, Ernest.....Portland.
Venen, Lola.....Forest Grove.
Young, Daniel Andrew.....Astoria.
Young, Julius Anton.....Astoria.

SPECIAL.

Danforth, Harry.....Forest Grove.
Ingles, Margaret.....Forest Grove.
Lansing, Nellie Mae.....Salem.
Larimore, Eugene Elton.....Independence.
Marsh, David Walker.....Forest Grove.
Thomas, Ida May.....Forest Grove.

STUDENTS IN CONSERVATORY OF MUSIC.

1893-1894.

INSTRUMENTAL.

Anderson, Mary Valentine.....Portland.
Bailey, Mary.....Forest Grove.
Boyles, Henry M.....Wilhoit.
Crang, Sadie Marie.....Astoria.
Dorrien, Mrs. J. T.....Cornelius.
Garrison, Ella Gertrude.....Forest Grove.
Gleason, Mary Myrtle.....Forest Grove.
Graham, Charlotte Dot.....Forest Grove.
Hinman, Mabel.....Forest Grove.

Howell, Clarence .....Albany.
James, Sarah .....Hillsboro.
Lansing, Nellie Mae .....Salem.
Marsh, Gertrude Emily .....Forest Grove.
Morgan, Ethel .....Hillsboro.
Ransom, Edith .....Forest Grove.
Roe, Anna Elizabeth .....Forest Grove.
Russell, Eleanor .....Forest Grove.
Steinkemeyer, Marie .....Dilley.
Stewart, Emma Estelle .....Forest Grove.
Thomas, Ida May .....Forest Grove.
Tompkins, Eugena .....Forest Grove.
Tongue, Mary .....Hillsboro.
Young, Julius Anton.....Astoria.

VOCAL.

Barnes, Belle M.....Forest Grove.
Bauer, Philip Edward.....Tualatin.
Brooks, Helen Augusta.....Forest Grove.
Chandler, Mrs. Anna.....Forest Grove.
Curtis, Winterton Conway .....The Dalles.
James, Sarah.....Hillsboro.
Jones, Gladys Mwynwen.....Oswego.
Lloyd, Mrs. Francis L.....Forest Grove.
Morgan, Ethel.....Hilisboro.
Powell, Burt Eardley .....Forest Grove.
Robb, William.....Forest Grove.
Robertson, James Rood.....Forest Grove.
Stewart, Emma Estelle.....Forest Grove.

HARMONY AND HISTORY.

Anderson, Mary Valentine.....Portland.

Gleason, Mary Myrtle ..... Forest Grove.
Graham, Charlotte Dot ..... Forest Grove.
James, Sarah ..... Hillsboro.
Jones, Gladys Mwynwen ..... Oswego.
Lansing, Nellie Mae ..... Salem.
Marsh, Gertrude Emily ..... Forest Grove.
Roe, Anna Elizabeth ..... Forest Grove.
Sawyer, Jennie ..... Hillsboro.
Tompkins, Eugena ..... Forest Grove.

CHORAL.

Alley, Mary ..... Nehalem.
Barnes, Belle M. ..... Forest Grove.
Campbell, Roy ..... Copalis, Wn.
Crang, Sadie Marie ..... Astoria.
Connell, John Wesley ..... Glencoe.
Ewing, Jane Helen ..... Fulton Park.
Fletcher, William Thomas ..... Gales Creek.
Hartley, Harvey ..... Greenville.
Hardie, Taylor Joseph ..... Brower.
Haskell, George Lemuel ..... Zanesville, Ohio.
Hinman, Mabel ..... Forest Grove.
Kirkwood, Joseph Edward ..... Pebble.
Lansing, Nellie Mae ..... Salem.
McClelland, Kellogg ..... Forest Grove.
Marsh, Winifred ..... Forest Grove.
Miller, John ..... Forest Grove.
Newberry, Pearl ..... Nehalem.
Parman, Ethel ..... Condon.
Rands, Ernest ..... Oregon City.
Robb, James ..... Forest Grove.
Streeter, Grace Ethel ..... Portland.

Thorp, Bessie Mabel ..... Forest Grove.
Tompkins, Daniel Dean ..... Oregon City.
Young, Daniel Andrew ..... Astoria.

PAINTING.

Barnes, Belle M ..... Forest Grove.
Hazel, Mrs. I. Harvey ..... Forest Grove.
Lansing, Minnie Catherine ..... Forest Grove.
Woods, Nellie ..... Forest Grove.

SUMMARY.

College students	18
Academy students	132
Conservatory students	70
Art students	4
Total	224
Deduct number counted twice	48
Total number of different students for the Academic Year 1893–94	176

ALUMNI.

1863

Harvey W. Scott, A.M., Editor-in-Chief Oregonian ..... Portland.

1866

Geo. H. Durham, A.M., Attorney at Law. .. Portland.
Myron Eells, D.D., Congregational Clergyman ..... Union City, Wn.
Edward B. Watson, A.M., Attorney at Law.. Portland.

1867

John Q. A. Bowlby, A.M., Attorney at Law.. Astoria.
J. Elkanah Walker, A.M., Missionary A. B. C. F. M..... Foochow, China.
David Raffety, B.S., M.D., Physician..... Portland.

1868

Charles C. Hall, A.M., Farmer..... ...Portland.
Thomas H. Tongue, A.M., Attorney at Law.. Hillsboro.

1869

Jacob Hoover, A.M., Banker..... Spokane, Wn.
Raleigh Stott, A.M., Attorney at Law..... Portland.
Harriet (Hoover) Killin, M.S..... Portland.

1870

Frank L. Stott, A. B., obit, 1873 ..... Gaston.
Addison A. Lindsley, A. B..... Olympia, Wn.
Georgiana (Brown) Bowlby, M. S..... Astoria.
Phœbe Irene (Clarke) Davis, M. S..... Portland.
Candace A. (Neal) Luce, M. S. ..... Hillsboro.

1872

Henry B. Luce, A. B., State Food Commissioner .... Hillsboro.

1873

Levi C. Walker, A. M. ..... Forest Grove.
William R. Bilyeu, B. S., Attorney at Law .. Albany.
W. D. Lyman, A. M., Prof. of History and of the English Language and Literature, Whitman College ..... Walla Walla, Wn.
Mary (Goodell) Burt, M. S,..... Drain.
Sarah I. Lyman, M. S..... Portland.

1874

Eugene P. McCornack, A. B., Banker..... Salem.
Herbert F. McCornack, A. B., M. D..... Eugene.
Willard H. Latourette, B.S., Baptist General Missionary ..... Oakland, Cal.
Jacob G. Stevenson, B. S., Co. School Supt... Eugene.
Dora (Hinshaw) Morgan, M.S..... Black Diamond, Wn.

1875

Hattie (Martin) Vestal, B. S..... Snohomish, Wn.
S. Belle (Putman) Walker, M. S., Teacher Indian Training School..... Chemawa.

1876

Edward M. Atkinson, A. B., Attorney at Law. Portland.
Hatstara Tamra, A. M., Teacher in Government School..... Tokio, Japan.
James T. Martin, B. S., (M. D. Univ. Mich. 1883.) ..... Woodland, Cal.
Yei Nosea, A. M., City School Superintendent. Tokio, Japan.
Kin Saito, B. S., (LL. B. Univ. Mich. 1871) Judge of Superior Court ..... Hirosima, Japan.
Ella (Watt) Jackson, M. S..... Pullman, Wn.

1877

William K. Curtis, B.S., Farmer..... Dayton.
Charles W. Schaff, B.S., M.D..... Lewiston, Idaho.
Tabitha A. (Clark) Eberts, M.S..... Fort Huachuca, Ariz.

1878

Laura M. (Hoxter) Whalley, A. B. ..... Portland.
DeWitt Clinton Latourette. A. M., Attorney at Law ..... Oregon City.
Horace S. Lyman, A. M., Congregational Clergyman and Co. School Supt. ..... Astoria.
Ella (Scott) Latourette, A. M. ..... Oregon City.
Milton W. Smith, A. M., Attorney at Law .. Portland.
Mary A. (Cresswell) Eagen, M. S. ..... Pendleton.
Mary S.. Eaton, M. S., obit, 1882 ..... Oswego.
Elvia H. Fearnside, obit, 1879 ..... Forest Grove.
Mary J. (Lyman) McCoy, M. S. ..... Portland.
Samuel R. Stott, B. S., Attorney at Law .... Portland.

1879

William N. Barrett, B. S., Attorney at Law and District Attorney ..... Hillsboro.
Frank M. Beckwith, Merchant ..... Ilia, Wn.

1880

Newton McCoy, A. B., Attorney at Law ..... Portland.

1881

George W. Coplen, A. B. ..... Latah, Wn.
John T. Whalley, A. M.. Attorney at Law ... Portland.
J. Alfred Watt, B. S. (M. D. Univ. of Mich.) Physician ..... Portland.

1882

Mitchell Gilliam, A. B., Attorney at Law ... Seattle, Wn.
Barnett Y. Roe, A. B., Attorney at Law ..... Gaston.
Mary Virginia Keene, M. S. ..... Fairfield.

1883

Napoleon Davis, A. M., Attorney at Law .... Portland.
Adelaide Poppleton, A. B. ..... Portland.
Anna Jackson, M. S., Teacher ..... Tacoma, Wn.

1884

Joseph Beek, A. B. ..... Portland.

1885

Marion C. Adams, A. B., Nurseryman.....Sunset, Wn.
Margaret J. (Macrum) Byrd, M. S. .....Salem.
Silas M. Shipley, B. S., (LL. B., Univ. Oregon, 1888) Attorney at Law .....Seattle, Wn.

1886

James R. Marsh, A. B., Farmer.....Molalla.
J. Wheelock Marsh, A. B., Editor Times.....Forest Grove.
Laura (Marsh) Cadwell, M. S.....Bozeman, Mont.

1887

William D. Wood, A. B., (M. D. Univ. Mich. 1890) Physician.....Hillsboro.
Callie (Campbell) Montgomery, M. S. .....Grant's Pass.
Mary Gray, M. S., obit, 1890 .....Portland.
Ethel Gray, M. S.....Portland.
Nellie Woods, M. S., Bookkeeper.....Forest Grove.
J. C. Clark, B. S., Teacher in I. T. School....Chemawa.

1888

Estella S. Porter, A. B., obit, 1889 .....Forest Grove.
Fred N. Hallett, B. S., Banker.....Juliaetta, Idaho.
Frank Hinman, B. S., Merchant .....Ellensburg, Wn.
William P. Marsh, B. S., Student Univ. Vt...Burlington, Vt.
John U. Smith, B. S., (LL. B., Univ. Oregon, 1890) Attorney at Law .....Portland.

1889

Mattie E. (Koontz) Smith, B. S. .....Portland.
Sidney E. Marsh, A. B., Journalist, obit, 1890. Port Townsend, Wn.
Clay McNamee, B. S., Attorney at Law.....Moscow, Idaho.

1890

William S. Macrum, A. B., Bank Collector ..Portland.
Gustaf Walter Nelson, A. B., Congregational Clergyman.....Kalama, Wn.
Mary Ellen Lee, M. S.....New Whatcom, Wn.

Alexander C. Alexander, B. S. ..... Portland.
Lafayette Lincoln Bush, B. S., Prof. Math.
Portland Univ. ..... Portland.

1891

Wm. A. Bates, B. S., Bookkeeper ..... Lafayette.
Margaret Hinman, B. L. ..... Forest Grove.
John S. Hodgin, B. S., Student ..... Palo Alto.
John A. Lee, A. B., Teacher ..... New Whatcom, Wn.
Mary E. (Patton) Snider, A. B. ..... Oakland, Cal.
Asa B. Snider, Student Pacific Theolog. Sem. Oakland, Cal.

1892

Wm. A. Bond, B. S., S. S. Missionary ..... Forest Grove.
Jesse R. Caples, B. S., Law Student ..... Portland.
Ernest E. Merges, B. L., Law Student ..... Portland.
Edward L. Naylor, B. L., Real Estate ..... Forest Grove.
Pem Patton, B. S., Teacher ..... Gaston.

1893

E. Austin Bond, A. B., Teacher Columbia
Academy ..... North Plains.
Nancy B. Morrison, B. L., Teacher ..... Monkland.
Horace D. Stewart, A. B., Bank Cashier ..... Forest Grove.
Loring V. Stewart, A. B. ..... Forest Grove.
Dwight H. Thomas, B. S. ..... Forest Grove.
Edith L. Tongue, B. L., Teacher ..... Hillsboro.

INDEX.

Calendar 2–3
Trustees 4
Finance Committee 4
Faculty and Instructors 5
Officers and Associate Alumni 6
General Information 7
- Aim 7
- Location 7
- Buildings 7
- Apparatus and Collections 9
- Library and Reading Room 10
- Lectures 10
- Literary Societies 10
- Physical Training 11
- Regulations 11
- Woman's Department 13
- Religious Exercises 13
- Expenses 14
- Board and Rooms 14
- College Aid 14
- Free Scholarships 14

The College 16
- Terms of Admission 16
- Entrance by Certificate 18
- Courses of Study 19
  - Special Students 20
  - Degrees 20
  - Teachers' Certificates 21

Outlines of Courses 22
- Classical Course 22
- Scientific Course 23

Literary Course 23
Electives 24
Departments and Methods of Instruction 26
Philosophy 26
Latin and Greek 27
Pure and Applied Mathematics 30
Chemistry 31
Biology and Geology 33
Modern Languages 35
History and Political Science 35
English Language and Literature 37
Drawing and Painting 38
The Conservatory of Music 39
The Course of Study 39
Diplomas 40
Tuition and other Expenses 40
The Academy 41
Requirements for Admission 41
Reports 42
Examinations 42
Certificates 42
Academy Courses 43
Classical 43
Scientific and Literary 44
College Students 48
Academy Students 49
Students in Conservatory of Music 53
Students in Art 56
Summary 56
Alumni 57

UNIVERSITY OF ILLINOIS-URBANA
3 0112 113305426